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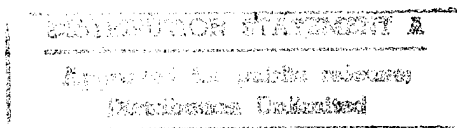
**United States Air Force
611th Civil Engineer Squadron**

Elmendorf AFB, Alaska

Final

**Remedial Investigation Report
Galena Airport and Campion Air Station**

Volume 2—Appendix A



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March 1996

APPENDIX A
Analytical Data

APPENDIX A
DETAILED ANALYTICAL RESULTS

CONTENTS LIST -

FOOTNOTE DEFINITIONS

TABLE A1	RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT
TABLE A2	RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT
TABLE A3	RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT
TABLE A4	RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT
TABLE A5	RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT
TABLE A6	RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT
TABLE A7	RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT
TABLE A8	RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT
TABLE A9	RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT
TABLE A10	RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT
TABLE A11	RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT

APPENDIX A
DETAILED ANALYTICAL RESULTS

CONTENTS LIST (continued) -

TABLE A12 RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM,
BLM) SAMPLES, GALENA 1993 EVENT

TABLE A13 RESULTS OF INORGANIC ANALYSES FOR WATER
SAMPLES, GALENA 1994 EVENT

TABLE A14 RESULTS OF INORGANIC ANALYSES FOR WATER
SAMPLES, GALENA 1994 EVENT

TABLE A15 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1994 EVENT

TABLE A16 RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1994 EVENT

FOOTNOTE DEFINITIONS

- B Sample concentration was less than or equal to the upper tolerance level (UTL) calculated for the blanks for that analyte in that media. These data are considered indistinguishable from blank concentrations.
- E Analyte exceeded calibration range, but did not saturate the detector, therefore data is usable.
- F Co-elution or interference was suspected in the determination of the concentration of the flagged compound. These data may be biased high due to interference, although the QA/QC data for the sample were within acceptance criteria. These data are considered conservative (biased high) concentrations and are used in the risk assessment.
- J Result is less than sample specific detection limit. Data with this flag should be interpreted with caution.
- K The presence of the analyte was not confirmed because the compound was not detected on both the primary and secondary columns. Only "KJ" flagged data are reported and are intended for use as proxy values for risk assessment. This flag is used on methods requiring second column confirmation (SW8010, SW8015, SW8015MP, SW8020, and SW8080).
- L QC evaluation determined that the result may be biased low, see QA report. This flag is used only on 1992 data.
- NA Sample not analyzed for the indicated parameter. In the case of SW8080, when results are reported for some compounds, the NA indicate that high concentrations of other target analytes precluded the determination of the flagged compound.
- ND Not detected. No instrument response for analyte or result less than zero.
- P The identification of the compound is not confirmed because the ratio of results from the primary and secondary columns differ by greater than a factor of three. The lower of the two values is reported with a "P" flag, since co-elution with a non-target compound is suspected. Although they do not meet the confirmation criteria, it is likely that the compound is present, however the concentration should be regarded as an estimate. This flag is used on methods requiring second column confirmation (SW8010, SW8015, SW8015MP, SW8020, and SW8080).

FOOTNOTE DEFINITIONS- continued

- R Data did not meet QA/QC criteria. See QA/QC evaluation in Appendix F for explanation and discussion.
- S Metal concentration reported was obtained using the method of standard additions. This indicates that the analyst had some reason to believe that there was an interference with the determination, and therefore, the method of standard additions was used to determine the concentration.
- T Second column confirmation was not performed for the flagged compound. In these cases, the sample was analyzed at two different dilutions and the conformational analyses were performed for the samples analyzed at the higher dilution. These data should be considered estimates as they are not confirmed and were measured in the presence of compounds at much higher concentrations.
- X The recoveries of one or more of the internal standards were outside the applicable acceptance criteria. Method appropriate (SW8240, SW8260, and SW8270) corrective actions were implemented to confirm matrix interferences. The X-flag indicates which compounds were quantitated using the affected internal standard(s).
- Z Oily drops suspended in sample extract. An homogenous sub-sample of the extract was analyzed.

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	01	01	01	01
	01-MW-03	01-MW-04	01-MW-05	01-MW-06
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01
A403 - Alkalinity (mg/L)				
Alkalinity		648	600	780
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity		595	440	650
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH		4.9	7	6.8
E170.1 - Temperature (deg. C)	()	()	()	()
Temperature		2.7	1.8	1.5

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

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() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID SAMPLE ID	05 05-MW-09 05-DS-08 Dup of 05-MW-09-01	05 05-MW-10 05-MW-10-01	05 05-MW-11 05-MW-11-01 05-MW-12 05-MW-12-01
A403 - Alkalinity (mg/L)				
Alkalinity			728	880
E120.1 - Specific Conductance (umhos/cm)	620	()	()	()
Conductivity	492	()	504	1283
E150.1 - pH, Electrometric (pH units)		()	6.7	6.8
pH	7	()	()	()
E170.1 - Temperature (deg. C)		()	2.1	0.4
Temperature	1.6	()	()	1.4

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID SAMPLE ID	06 06-MW-04 06-MW-04-01	06 06-MW-06 06-MW-06-01	06 06-SW-01 06-SW-01-01 06-DS-07 Dup of 06-SW-01-01
A403 - Alkalinity (mg/L)				
Alkalinity			852	610
E120.1 - Specific Conductance (umhos/cm)				
Conductivity			1296	1090
E150.1 - pH, Electrometric (pH units)				
pH			6.7	7.5
E170.1 - Temperature (deg. C)				
Temperature			3.5	19.7
				610
				1113
				7.6
				20.3

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 Mar 1995

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	07	07	07	07
	07-MW-02	07-MW-03	07-MW-04	07-SW-01
	07-DS-10 Dup of 07-MW-02-01	07-MW-03-01	07-MW-04-01	07-SW-01-01
A403 - Alkalinity (mg/L)				
Alkalinity	750	770	725	800
E120.1 - Specific Conductance (umhos/cm)				
Conductivity	857	869	715	2000
E150.1 - pH, Electrometric (pH units)				
pH	7.5	7.4	7	7
E170.1 - Temperature (deg. C)				
Temperature	2.7	2.9	1.7	21.6

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	07	09	09	09
	07-SW-02	09-MW-01	09-MW-01	09-MW-02
	07-SW-02-01	09-MW-01-01	09-DS-07 Dup of 09-MW-01-01	09-MW-02-01
A403 - Alkalinity (mg/L)				
Alkalinity				
E120.1 - Specific Conductance (umhos/cm)	920			
Conductivity				
E150.1 - pH, Electrometric (pH units)	1779			
pH	7.4			
E170.1 - Temperature (deg. C)	17.3			
Temperature				
	()	()	()	()
	[]	[]	[]	[]
	572	566	420	
	()	()	()	()
	[]	[]	[]	[]
	830	830	1079	
	()	()	()	()
	[]	[]	[]	[]
	6.4	6.4	7.3	
	()	()	()	()
	[]	[]	[]	[]
	5.1	5.1	2	
	()	()	()	()

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-03	09-MW-03	09-MW-04	09-MW-04	09-MW-05	09-MW-05
	09-MW-03-01	09-DS-08 Dup of 09-MW-03-01	09-MW-04-01	09-MW-04-01	09-MW-05-01	09-MW-05-01
A403 - Alkalinity (mg/L)						
Alkalinity		684		680	444	
E120.1 - Specific Conductance (umhos/cm)						
Conductivity		454		859	449	
E150.1 - pH, Electrometric (pH units)						
pH		6.8		6.7	6.8	
E170.1 - Temperature (deg. C)						
Temperature		2.3		2.7	1.8	

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	10	10	10	10	11	
	10-MW-02	10-MW-02	10-MW-02	10-MW-03	11-MW-01	
	10-MW-02-02	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	10-MW-03-02	11-MW-01-01	
A403 - Alkalinity (mg/L)						
Alkalinity		840				
E120.1 - Specific Conductance (umhos/cm)	()	830	()	590	()	660
Conductivity	()	881	()	627	()	655
E150.1 - pH, Electrometric (pH units)	()	5.9	()	7	()	6.1
pH	()	4.1	()	4.1	()	3.4
E170.1 - Temperature (deg. C)						
Temperature						

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	11	12	12	12	12	12
	11-MW-02	12-MW-01	12-MW-01	12-MW-02	12-MW-02-01	12-MW-02-01
	11-MW-02-01	12-MW-01-01	12-MW-01-01	12-MW-02-01	12-MW-02-01	12-MW-02-01
A403 - Alkalinity (mg/L)						
Alkalinity	740					
E120.1 - Specific Conductance (umhos/cm)		492	()		504	()
Conductivity	1507					
E150.1 - pH, Electrometric (pH units)		975	()		971	()
pH	6.7					
E170.1 - Temperature (deg. C)		6.8	()		6.7	()
Temperature	4.7					
		2.3	()		3.9	()

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-02	01-MW-03	01-MW-03
	01-MW-01-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-03-01	01-MW-03-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ● = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		01	
	01-MW-01	01-MW-02	01-MW-02	01-MW-03
	01-MW-01-01	01-MW-02-01	01-MW-02-01	01-MW-03-01
Endrin Aldehyde	0.0036 KJB (0.02) [0.990099]	0.014 JB (0.021) [1.030927]	0.0029 JB (0.02) [1.020408]	0.0034 JB (0.02) [0.980392]
Heptachlor	0.0089 KJB (0.0099) [0.990099]	0.0057 KJB (0.01) [1.030927]	0.0043 KJB (0.01) [1.020408]	0.009 KJB (0.0098) [0.980392]
Heptachlor epoxide	0.0075 KJB (0.0099) [0.990099]	0.0039 KJB (0.01) [1.030927]	ND (0.01) [1.020408]	ND (0.0098) [0.980392]
Methoxychlor	ND (0.05) [0.990099]	ND (0.052) [1.030927]	ND (0.051) [1.020408]	ND (0.049) [0.980392]
PCB-1016	ND (0.099) [0.990099]	ND (0.1) [1.030927]	ND (0.1) [1.020408]	ND (0.098) [0.980392]
PCB-1221	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND (0.2) [1.020408]	ND (0.2) [0.980392]
PCB-1232	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND (0.2) [1.020408]	ND (0.2) [0.980392]
PCB-1242	ND (0.099) [0.990099]	ND (0.1) [1.030927]	ND (0.1) [1.020408]	ND (0.098) [0.980392]
PCB-1248	ND (0.099) [0.990099]	ND (0.1) [1.030927]	ND (0.1) [1.020408]	ND (0.098) [0.980392]
PCB-1254	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND (0.2) [1.020408]	ND (0.2) [0.980392]
PCB-1260	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND (0.2) [1.020408]	ND (0.2) [0.980392]
Toxaphene	ND (0.5) [0.990099]	ND (0.52) [1.030927]	ND (0.51) [1.020408]	ND (0.49) [0.980392]
alpha-BHC	0.025 (0.0099) [0.990099]	ND (0.01) [1.030927]	ND (0.01) [1.020408]	ND (0.0098) [0.980392]
beta-BHC	ND (0.0099) [0.990099]	ND (0.01) [1.030927]	0.0074 JB (0.01) [1.020408]	ND (0.0098) [0.980392]
delta-BHC	ND (0.0099) [0.990099]	ND (0.01) [1.030927]	ND (0.01) [1.020408]	0.017 B (0.0098) [0.980392]
gamma-BHC	ND (0.0099) [0.990099]	ND (0.01) [1.030927]	ND (0.01) [1.020408]	0.01 B (0.0098) [0.980392]
Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	ND (1.8)	ND (1.9) [1.041666]	ND (1.9) [1.047120]	ND (2) [1.086956]
Acenaphthylene	ND (2.3)	ND (2.4) [1.041666]	ND (2.4) [1.047120]	ND (2.5) [1.086956]
Anthracene	ND (0.66)	ND (0.69) [1.041666]	ND (0.69) [1.047120]	ND (0.72) [1.086956]
Benzo(a)anthracene	ND (0.013)	ND (0.014) [1.041666]	ND (0.014) [1.047120]	ND (0.014) [1.086956]
Benzo(a)pyrene	ND (0.023)	ND (0.024) [1.041666]	ND (0.024) [1.047120]	ND (0.025) [1.086956]
Benzo(b)fluoranthene	ND (0.018)	ND (0.019) [1.041666]	ND (0.019) [1.047120]	ND (0.02) [1.086956]
Benzo(g,h,i)perylene	ND (0.076)	ND (0.079) [1.041666]	ND (0.08) [1.047120]	ND (0.083) [1.086956]
Benzo(k)fluoranthene	ND (0.017)	ND (0.018) [1.041666]	ND (0.018) [1.047120]	ND (0.018) [1.086956]
Chrysene	ND (0.15)	ND (0.16) [1.041666]	ND (0.16) [1.047120]	ND (0.16) [1.086956]
Dibenzo(a,h)anthracene	ND (0.03)	ND (0.031) [1.041666]	ND (0.031) [1.047120]	ND (0.033) [1.086956]
Fluoranthene	ND (0.21)	ND (0.22) [1.041666]	ND (0.22) [1.047120]	ND (0.23) [1.086956]
Fluorene	ND (0.21)	ND (0.22) [1.041666]	ND (0.22) [1.047120]	ND (0.23) [1.086956]
Indeno(1,2,3-cd)pyrene	ND (0.043)	ND (0.045) [1.041666]	ND (0.045) [1.047120]	ND (0.047) [1.086956]
Naphthalene	ND (1.8)	ND (1.9) [1.041666]	ND (1.9) [1.047120]	ND (2) [1.086956]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-03
	01-MW-01-01	01-MW-02-01	01-DS-07 Dup of 01-MW-02-01	01-MW-03-01
Phenanthrene	ND	ND	ND	ND
Pyrene	ND	ND	ND	ND
	(0.64)	(0.67) [1.041666]	(0.67) [1.047120]	(0.7) [1.086956]
	(0.27)	(0.28) [1.041666]	(0.28) [1.047120]	(0.29) [1.086956]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	01	01	01	01	01	01
	01-MW-03	01-MW-04	01-MW-05	01-MW-06	01-MW-06	01-MW-06
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01	01-MW-06-01	01-MW-06-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]
				0.46		

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID			
	01				01				01			
	01-MW-03				01-MW-04				01-MW-05			
	01-DS-06 Dup of 01-MW-03-01				01-MW-04-01				01-MW-05-01			
	01-MW-06				01-MW-06-01				01-MW-06-01			
cis-1,3-Dichloropropene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	[1]	ND	(0.25)	[1]	[1]	ND	(0.25)	[1]	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	[1]	ND	(0.15)	[1]	[1]	ND	(0.15)	[1]	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	[1]	ND	(2000)	[1]	[1]	ND	(2000)	[1]	[1]
Ethyl ether	ND	(10000)	[1]	[1]	ND	(10000)	[1]	[1]	ND	(10000)	[1]	[1]
Methyl ethyl ketone	ND	(3000)	[1]	[1]	ND	(3000)	[1]	[1]	ND	(3000)	[1]	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	[1]	ND	(2000)	[1]	[1]	ND	(2000)	[1]	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	ND	(200)	[0.985]	[1]	980	(200)	[1]	[1]	ND	(210)	[1.04]	[1.02]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]	[1]
Benzene	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[25]
Chlorobenzene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]
Ethylbenzene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	[1]	ND	(100)	[1]	[1]	ND	(100)	[1]	[1]
Toluene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]
Total xylenes	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.01)	[1.041666]	[1]	ND	(0.01)	[1.020408]	[1]	ND	(0.01)	[1]	[1]
4,4'-DDE	ND	(0.01)	[1.041666]	[1]	ND	(0.01)	[1.020408]	[1]	ND	(0.01)	[1]	[1]
4,4'-DDT	0.0087 KJB	(0.021)	[1.041666]	[1]	0.0086 KJB	(0.02)	[1.020408]	[1]	0.0005 PJB	(0.02)	[1]	[1]
Aldrin	ND	(0.01)	[1.041666]	[1]	0.018 B	(0.01)	[1.020408]	[1]	ND	(0.01)	[1]	[1]
Chlordane	ND	(0.052)	[1.041666]	[1]	ND	(0.051)	[1.020408]	[1]	ND	(0.05)	[1]	[1]
Dieldrin	0.0088 J	(0.01)	[1.041666]	[1]	0.016	(0.01)	[1.020408]	[1]	0.0099 J	(0.01)	[1]	[1]
Endosulfan I	0.0059 JB	(0.01)	[1.041666]	[1]	ND	(0.01)	[1.020408]	[1]	0.0047 KJB	(0.01)	[1]	[1]
Endosulfan II	ND	(0.031)	[1.041666]	[1]	ND	(0.031)	[1.020408]	[1]	0.0003 KJB	(0.03)	[1]	[1]
Endosulfan Sulfate	0.0063 KJB	(0.052)	[1.041666]	[1]	0.0097 JB	(0.051)	[1.020408]	[1]	0.0071 KJB	(0.05)	[1]	[1]
Endrin	ND	(0.01)	[1.041666]	[1]	ND	(0.01)	[1.020408]	[1]	ND	(0.01)	[1]	[1]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			SAMPLE ID		
	01	01	01	01	01	01
	01-MW-03	01-MW-04	01-MW-05	01-MW-06	01-MW-05-01	01-MW-06-01
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01	01-MW-05-01	01-MW-06-01
Endrin Aldehyde	0.0068 KJB	(0.021) [1.041666]	0.0083 KJB	(0.02) [1.020408]	0.0063 KJB	(0.02) [1.020408]
Heptachlor	0.0084 KJB	(0.01) [1.041666]	0.0094 JB	(0.01) [1.020408]	0.004 KJB	(0.01) [1.020408]
Heptachlor epoxide	ND	(0.01) [1.041666]	0.012 B	(0.01) [1.020408]	0.0035 JB	(0.01) [1.020408]
Methoxychlor	ND	(0.052) [1.041666]	ND	(0.051) [1.020408]	ND	(0.05) [1.020408]
PCB-1016	ND	(0.1) [1.041666]	ND	(0.1) [1.020408]	ND	(0.1) [1.020408]
PCB-1221	ND	(0.21) [1.041666]	ND	(0.2) [1.020408]	ND	(0.2) [1.020408]
PCB-1232	ND	(0.21) [1.041666]	ND	(0.2) [1.020408]	ND	(0.2) [1.020408]
PCB-1242	ND	(0.1) [1.041666]	ND	(0.1) [1.020408]	ND	(0.1) [1.020408]
PCB-1248	ND	(0.1) [1.041666]	ND	(0.1) [1.020408]	ND	(0.1) [1.020408]
PCB-1254	ND	(0.21) [1.041666]	ND	(0.2) [1.020408]	ND	(0.2) [1.020408]
PCB-1260	ND	(0.21) [1.041666]	ND	(0.2) [1.020408]	ND	(0.2) [1.020408]
Toxaphene	ND	(0.52) [1.041666]	ND	(0.51) [1.020408]	ND	(0.5) [1.020408]
alpha-BHC	ND	(0.01) [1.041666]	0.031	(0.01) [1.020408]	ND	(0.01) [1.020408]
beta-BHC	ND	(0.01) [1.041666]	0.013	(0.01) [1.020408]	0.011	(0.01) [1.020408]
delta-BHC	0.018 B	(0.01) [1.041666]	ND	(0.01) [1.020408]	0.017 B	(0.01) [1.020408]
gamma-BHC	ND	(0.01) [1.041666]	ND	(0.01) [1.020408]	0.014 B	(0.01) [1.020408]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)						
Acenaphthene	ND	(1.8)	ND	(1.9) [1.041666]	ND	(1.8)
Acenaphthylene	ND	(2.3)	ND	(2.4) [1.041666]	ND	(2.3)
Anthracene	ND	(0.66)	ND	(0.69) [1.041666]	ND	(0.66)
Benzo(a)anthracene	ND	(0.013)	ND	(0.014) [1.041666]	ND	(0.013)
Benzo(a)pyrene	ND	(0.023)	ND	(0.024) [1.041666]	ND	(0.023)
Benzo(b)fluoranthene	ND	(0.018)	ND	(0.019) [1.041666]	ND	(0.018)
Benzo(g,h,i)perylene	ND	(0.076)	ND	(0.079) [1.041666]	ND	(0.076)
Benzo(k)fluoranthene	ND	(0.017)	ND	(0.018) [1.041666]	ND	(0.017)
Chrysene	ND	(0.15)	ND	(0.16) [1.041666]	ND	(0.15)
Dibenzo(a,h)anthracene	ND	(0.03)	ND	(0.031) [1.041666]	ND	(0.03)
Fluoranthene	ND	(0.21)	ND	(0.22) [1.041666]	ND	(0.21)
Fluorene	ND	(0.21)	ND	(0.22) [1.041666]	ND	(0.21)
Indeno(1,2,3-cd)pyrene	ND	(0.043)	ND	(0.045) [1.041666]	ND	(0.043)
Naphthalene	ND	(1.8)	ND	(1.9) [1.041666]	ND	(1.8)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	01	01-MW-03	01	01-MW-04	01	01-MW-05
	01-DS-06 Dup of 01-MW-03-01		01-MW-04-01		01-MW-05-01	01-MW-06-01
Phenanthrene	0.083 J	(0.64)	[1]	ND	(0.67)	[1.041666]
Pyrene	ND	(0.27)	[1]	ND	(0.28)	[1.041666]
				ND	(0.64)	(0.27)
				ND	(0.27)	(0.27)

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01			02		
	01-SW-01	01-SW-02	01-SW-02-01	02-GW-01	02-GW-02	02-GW-02-01
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID

SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		02		01		02	
	01-SW-01	01-SW-01-01	01-SW-02	01-SW-02-01	02-GW-01	02-GW-01-01	02-GW-02	02-GW-02-01
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)								
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)								
Diesel Range Organics (2)	1200	(190)	[0.952]	1600	(190)	[0.952]	ND	(200)
SW8020 - Aromatic Volatile Organics (ug/L)								
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)
Toluene	ND	(0.2)	[1]	8.6	(0.2)	[1]	ND	(0.2)
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)								
4,4'-DDD	0.0019 PJB	(0.0095)	[0.952380]	0.0021 PJB	(0.0095)	[0.952380]	ND	(0.01)
4,4'-DDE	0.0006 PJB	(0.0095)	[0.952380]	0.015	(0.0095)	[0.952380]	ND	(0.01)
4,4'-DDT	0.0006 PJB	(0.019)	[0.952380]	ND	(0.019)	[0.952380]	0.0062 KJB	(0.02)
Aldrin	ND	(0.0095)	[0.952380]	0.0038 PJB	(0.0095)	[0.952380]	ND	(0.01)
Chlordane	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]	ND	(0.05)
Dieldrin	0.0068 JB	(0.0095)	[0.952380]	0.0071 JB	(0.0095)	[0.952380]	0.009 KJB	(0.01)
Endosulfan I	ND	(0.0095)	[0.952380]	0.0022 KJB	(0.0095)	[0.952380]	ND	(0.01)
Endosulfan II	0.015 JB	(0.029)	[0.952380]	0.018 KJB	(0.029)	[0.952380]	0.0056 KJB	(0.03)
Endosulfan Sulfate	0.028 KJB	(0.048)	[0.952380]	0.044 KJ	(0.048)	[0.952380]	0.017 KJB	(0.05)
Endrin	ND	(0.0095)	[0.952380]	0.0085 KJB	(0.0095)	[0.952380]	ND	(0.01)

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			SAMPLE ID		
	01		01	02		02
	01-SW-01	01-SW-02	01-SW-02-01	02-GW-01	02-GW-01-01	02-GW-02-01
	01-SW-01-01	01-SW-02-01		02-GW-01-01		
Endrin Aldehyde	ND	(0.019) [0.952380]	ND	(0.019) [0.952380]	0.0049 KJB	(0.02) [0.995024]
Heptachlor	0.0021 KJB	(0.0095) [0.952380]	0.0034 JB	(0.0095) [0.952380]	ND	(0.01) [0.995024]
Heptachlor epoxide	0.056 B	(0.0095) [0.952380]	0.012 PB	(0.0095) [0.952380]	ND	(0.01) [0.995024]
Methoxychlor	0.023 KJ	(0.048) [0.952380]	0.0006 KJ	(0.048) [0.952380]	ND	(0.05) [0.995024]
PCB-1016	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.01) [0.995024]
PCB-1221	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1232	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1242	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1248	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1254	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1260	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
Toxaphene	ND	(0.48) [0.952380]	ND	(0.48) [0.952380]	ND	(0.5) [0.995024]
alpha-BHC	0.012 B	(0.0095) [0.952380]	0.02	(0.0095) [0.952380]	ND	(0.01) [0.995024]
beta-BHC	ND	(0.0095) [0.952380]	0.0009 PJB	(0.0095) [0.952380]	ND	(0.01) [0.995024]
delta-BHC	0.025	(0.0095) [0.952380]	0.039 P	(0.0095) [0.952380]	0.018 B	(0.01) [0.995024]
gamma-BHC	0.013 B	(0.0095) [0.952380]	0.016 B	(0.0095) [0.952380]	ND	(0.01) [0.995024]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	NA		NA		ND	(9.9) [0.990099]
1,2-Dichlorobenzene	NA		NA		ND	(9.9) [0.990099]
1,3-Dichlorobenzene	NA		NA		ND	(9.9) [0.990099]
1,4-Dichlorobenzene	NA		NA		ND	(9.9) [0.990099]
2,4,5-Trichlorophenol	NA		NA		ND	(9.9) [0.990099]
2,4,6-Trichlorophenol	NA		NA		ND	(9.9) [0.990099]
2,4-Dichlorophenol	NA		NA		ND	(9.9) [0.990099]
2,4-Dimethylphenol	NA		NA		ND	(9.9) [0.990099]
2,4-Dinitrophenol	NA		NA		ND	(50) [0.990099]
2,4-Dinitrotoluene	NA		NA		ND	(9.9) [0.990099]
2,6-Dinitrotoluene	NA		NA		ND	(9.9) [0.990099]
2-Chloronaphthalene	NA		NA		ND	(9.9) [0.990099]
2-Chlorophenol	NA		NA		ND	(9.9) [0.990099]
2-Methylnaphthalene	NA		NA		ND	(9.9) [0.990099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		01		02	
	LOCATION ID		01-SW-02		02-GW-02	
	SAMPLE ID		01-SW-02-01		02-GW-02-01	
2-Methylphenol(o-cresol)	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
2-Nitroaniline	NA	NA	ND	(50)	[1]	(50) [0.990099]
2-Nitrophenol	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
3,3'-Dichlorobenzidine	NA	NA	ND	(20)	[1]	(20) [0.990099]
3-Nitroaniline	NA	NA	ND	(50)	[1]	(50) [0.990099]
4,6-Dinitro-2-methylphenol	NA	NA	ND	(50)	[1]	(50) [0.990099]
4-Bromophenyl phenyl ether	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Chloro-3-methylphenol	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Chlorophenyl phenyl ether	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Methylphenol(p-cresol)	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
4-Nitroaniline	NA	NA	ND	(50)	[1]	(50) [0.990099]
4-Nitrophenol	NA	NA	ND	(50)	[1]	(50) [0.990099]
Acenaphthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Acenaphthylene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Anthracene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(a)anthracene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(a)pyrene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(b)fluoranthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(g,h,i)perylene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzo(k)fluoranthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Benzoic acid	NA	NA	ND	(50)	[1]	(50) [0.990099]
Benzyl alcohol	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Butylbenzylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Chrysene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Di-n-octylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dibenz(a,h)anthracene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dibenzofuran	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dibutylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Diethylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Dimethylphthalate	NA	NA	ND	(10)	[1]	(9.9) [0.990099]
Fluoranthene	NA	NA	ND	(10)	[1]	(9.9) [0.990099]

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01		02		02	
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	01-SW-01	01-SW-02	02-GW-01	02-GW-01	02-GW-02	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-01-01	02-GW-02-01	02-GW-02-01
Fluorene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Hexachlorobenzene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Hexachlorobutadiene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Hexachlorocyclopentadiene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Hexachloroethane	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Indeno(1,2,3-cd)pyrene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Isophorone	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
N-Nitrosodiphenylamine	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
N-Nitrosodipropylamine	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Naphthalene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Nitrobenzene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Pentachloropheno1	NA	NA	ND	(50)	[1]	ND (50) [0.990099]
Phenanthrene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Pheno1	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
Pyrene	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
bis(2-Chloroethoxy)methane	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
bis(2-Chloroethyl)ether	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
bis(2-Chloroisopropyl)ether	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
bis(2-Ethylhexyl)phthalate	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
p-Chloroaniline	NA	NA	ND	(10)	[1]	ND (9.9) [0.990099]
W8310 - Polynuclear Aromatic Hydrocarbons (ug/L)						
1.1 J	(1.7) [0.952380]	7 (1.7) [0.952380]	NA	NA		NA
Acenaphthene	(2.2) [0.952380]	0.67 J (2.2) [0.952380]	NA	NA		NA
Acenaphthylene	(0.63) [0.952380]	ND (0.63) [0.952380]	NA	NA		NA
Anthracene	(0.012) [0.952380]	ND (0.012) [0.952380]	NA	NA		NA
Benzo(a)anthracene	(0.022) [0.952380]	ND (0.022) [0.952380]	NA	NA		NA
Benzo(a)pyrene	(0.017) [0.952380]	ND (0.017) [0.952380]	NA	NA		NA
Benzo(b)fluoranthene	(0.072) [0.952380]	ND (0.072) [0.952380]	NA	NA		NA
Benzo(g,h,i)perylene	(0.016) [0.952380]	ND (0.016) [0.952380]	NA	NA		NA
Benzo(k)fluoranthene	(0.14) [0.952380]	ND (0.14) [0.952380]	NA	NA		NA
Chrysene	(0.029) [0.952380]	ND (0.029) [0.952380]	NA	NA		NA
Dibenzo(a,h)anthracene						

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	01	01	02	02
	01-SW-01	01-SW-02	02-GW-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01
Fluoranthene	ND	(0.2) [0.952380]	ND	(0.2) [0.952380]
Fluorene	ND	(0.2) [0.952380]	ND	(0.2) [0.952380]
Indeno(1,2,3-cd)pyrene	0.016 J	(0.041) [0.952380]	0.026 J	(0.041) [0.952380]
Naphthalene	ND	(1.7) [0.952380]	ND	(1.7) [0.952380]
Phenanthrene	ND	(0.61) [0.952380]	ND	(0.61) [0.952380]
Pyrene	ND	(0.26) [0.952380]	0.22 J	(0.26) [0.952380]
			NA	NA
			NA	NA
			NA	NA
			NA	NA
			NA	NA
			NA	NA

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	02		02		03	
	02-GW-03 02-GW-03-01	02-GW-03 02-GW-03-01	02-GW-03 02-GW-03-01	02-GW-03 02-GW-03-01	02-GW-04 02-GW-04-01	03-GW-01 03-GW-01-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	ND
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	ND
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	ND
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	ND
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	ND
Bromoform	ND	(0.5)	[1]	ND	(0.5)	ND
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	ND
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	ND
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	ND
Chloroform	ND	(0.15)	[1]	ND	(0.15)	ND
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	ND
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	ND
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	ND
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	ND
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	ND
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	ND
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	ND
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	02	02	02	02	03
	02-GW-03	02-GW-03	02-GW-03	02-GW-04	03-GW-01
	02-GW-03-01	02-GW-03-01	02-GW-03-01	02-GW-04-01	03-GW-01-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.2)
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.25)
SW8015 - Nonhalogenated Volatile Organics (ug/L)					(0.15)
Ethanol	ND	(2000)	[1]	ND	NA
Ethyl ether	ND	(10000)	[1]	ND	NA
Methyl ethyl ketone	ND	(3000)	[1]	ND	NA
Methyl isobutyl ketone	ND	(2000)	[1]	ND	NA
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)					
Diesel Range Organics (2)	ND	(210)	[1.04]	210	[0.985]
SW8020 - Aromatic Volatile Organics (ug/L)					
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(2)
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(1)
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(2)
Benzene	ND	(0.3)	[1]	ND	(1.5)
Chlorobenzene	ND	(0.2)	[1]	ND	(1)
Ethylbenzene	ND	(0.2)	[1]	ND	(1)
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(500)
Toluene	ND	(0.2)	[1]	ND	(1)
Total xylenes	ND	(0.3)	[1]	ND	(1.5)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)					
4,4'-DDD	ND	(0.011)	[1.098901]	ND	(0.0099)
4,4'-DDE	ND	(0.011)	[1.098901]	ND	(0.0099)
4,4'-DDT	ND	(0.022)	[1.098901]	ND	(0.02)
Aldrin	ND	(0.011)	[1.098901]	0.011 B	(0.0099)
Chlordane	ND	(0.055)	[1.098901]	ND	(0.0099)
Dieldrin	0.01 KJ	(0.011)	[1.098901]	0.0096 KJ	(0.05)
Endosulfan I	ND	(0.011)	[1.098901]	ND	(0.0099)
Endosulfan II	ND	(0.033)	[1.098901]	ND	(0.0099)
Endosulfan Sulfate	0.0074 KJB	(0.055)	[1.098901]	0.002 KJB	(0.03)
Endrin	ND	(0.011)	[1.098901]	ND	(0.05)
					(0.0099)

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detectable NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	02		02		03	
	02-GW-03	02-GW-03-01	02-GW-03	02-GW-04	03-GW-01	03-GW-01-01
			02-DS-01 Dup of 02-GW-03-01	02-GW-04-01		
2-Methylphenol (o-cresol)	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
2-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
2-Nitrophenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
3,3'-Dichlorobenzidine	ND	(22) [1.086956]	ND	(21) [1.041666]	ND	(19) [0.970873]
3-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
4,6-Dinitro-2-methylphenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
4-Bromophenyl phenyl ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Chloro-3-methylphenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Chlorophenyl phenyl ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Methylphenol (p-cresol)	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
4-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
4-Nitrophenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
Acenaphthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Acenaphthylene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(a)anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(a)pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(b)fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(g,h,i)perylene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzo(k)fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Benzoic acid	1.7 J	(54) [1.086956]	1 J	(52) [1.041666]	ND	(49) [0.970873]
Benzyl alcohol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Butylbenzylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Chrysene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Di-n-octylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dibenz(a,h)anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dibenzofuran	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dibutylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Diethylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Dimethylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	02	02	02	02	03	
	02-GW-03	02-GW-03	02-GW-03	02-GW-04	03-GW-01	
	02-GW-03-01	02-GW-03-01	02-GW-03-01	02-GW-04-01	03-GW-01-01	
			02-GW-01 Dup of 02-GW-03-01			
Fluorene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorobutadiene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorocyclopentadiene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachloroethane	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Indeno(1,2,3-cd)pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Isophorone	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
N-Nitrosodiphenylamine	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
N-Nitrosodipropylamine	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Naphthalene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Nitrobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Pentachlorophenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
Phenanthrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Phenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroethoxy)methane	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroethyl) ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroisopropyl) ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Ethylhexyl) phthalate	1.9 JB	(11) [1.086956]	37	(10) [1.041666]	3.3 JB	(9.7) [0.970873]
p-Chloroaniline	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				03				03			
	LOCATION ID				03-GW-02				03-GW-03			
	SAMPLE ID				03-GW-02-01				03-GW-03-01			
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES, FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				03			
	LOCATION ID		SAMPLE ID		03		03	
					03-GW-02		03-GW-03	
					03-GW-02-01		03-GW-03-01	
							03-DS-01 Dup of 03-GW-03-01	03-GW-04-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)	ND	(2000)	[1]	ND	(2000)	[1]	(2000)	[1]
Ethanol	ND	(10000)	[1]	ND	(10000)	[1]	(10000)	[1]
Ethyl ether	ND	(3000)	[1]	ND	(3000)	[1]	(3000)	[1]
Methyl ethyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	(2000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)	ND	(200)	[0.980]	ND	(200)	[1]	(200)	[0.990]
Diesel Range Organics (2)	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	(0.4)	[1]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	(100)	[1]
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	(0.01)	[1.030927]
4,4'-DDD	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	(0.01)	[1.030927]
4,4'-DDE	ND	(0.02)	[0.990099]	ND	(0.021)	[1.030927]	(0.021)	[1.030927]
4,4'-DDT	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	(0.01)	[1.030927]
Aldrin	ND	(0.05)	[0.990099]	ND	(0.052)	[1.030927]	(0.052)	[1.030927]
Chlordane	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	(0.01)	[1.030927]
Dieldrin	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	(0.01)	[1.030927]
Endosulfan I	ND	(0.03)	[0.990099]	ND	(0.031)	[1.030927]	(0.031)	[1.030927]
Endosulfan II	ND	(0.05)	[0.990099]	ND	(0.052)	[1.030927]	(0.052)	[1.030927]
Endosulfan Sulfate	0.029 KJB	(0.05)	[0.990099]	0.003 KJB	(0.052)	[1.030927]	(0.052)	[1.030927]
Endrin	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.030927]	(0.01)	[1.030927]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				03				03			
	LOCATION ID		SAMPLE ID		03-GW-02		03-GW-03		03-GW-03		03-GW-04	
					03-GW-02-01	03-GW-02	03-GW-03-01	03-GW-03	03-GW-03-01	03-GW-03-01 Dup of 03-GW-03-01	03-GW-04-01	03-GW-04-01
2-Methylphenol (o-cresol)	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
2-Nitroaniline	ND	(50)	[1]	ND	(50)	(50)	(50)	[1]	[1]	(54) [1.075268]	ND	(53) [1.052631]
2-Nitrophenol	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
3,3'-Dichlorobenzidine	ND	(20)	[1]	ND	(20)	(20)	(20)	[1]	[1]	(22) [1.075268]	ND	(21) [1.052631]
3-Nitroaniline	ND	(50)	[1]	ND	(50)	(50)	(50)	[1]	[1]	(54) [1.075268]	ND	(53) [1.052631]
4,6-Dinitro-2-methylphenol	ND	(50)	[1]	ND	(50)	(50)	(50)	[1]	[1]	(54) [1.075268]	ND	(53) [1.052631]
4-Bromophenyl phenyl ether	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
4-Chloro-3-methylphenol	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
4-Chlorophenyl phenyl ether	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
4-Methylphenol (p-cresol)	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
4-Nitroaniline	ND	(50)	[1]	ND	(50)	(50)	(50)	[1]	[1]	(54) [1.075268]	ND	(53) [1.052631]
4-Nitrophenol	ND	(50)	[1]	ND	(50)	(50)	(50)	[1]	[1]	(54) [1.075268]	ND	(53) [1.052631]
Acenaphthene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Acenaphthylene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Anthracene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Benzo(a)anthracene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Benzo(a)pyrene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Benzo(b)fluoranthene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Benzo(g,h,i)perylene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Benzo(k)fluoranthene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Benzoic acid	ND	(50)	[1]	ND	(50)	(50)	(50)	[1]	[1]	(54) [1.075268]	ND	(53) [1.052631]
Benzyl alcohol	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Butylbenzylphthalate	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Chrysene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Di-n-octylphthalate	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Dibenz(a,h)anthracene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Dibenzofuran	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Dibutylphthalate	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Diethylphthalate	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Dimethylphthalate	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]
Fluoranthene	ND	(10)	[1]	ND	(10)	(10)	(10)	[1]	[1]	(11) [1.075268]	ND	(11) [1.052631]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				03			
	LOCATION ID		03		03		03	
	SAMPLE ID		03-GW-03		03-GW-03		03-GW-04	
			03-GW-03-01		03-GW-03 Dup of 03-GW-03-01		03-GW-04-01	
Fluorene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachlorobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachlorobutadiene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachlorocyclopentadiene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Hexachloroethane	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Indeno(1,2,3-cd)pyrene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Isophorone	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
N-Nitrosodiphenylamine	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
N-Nitrosodipropylamine	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Naphthalene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Nitrobenzene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Pentachlorophenol	ND	(50)	[1]	ND	(50)	[1]	ND	(54) [1.075268]
Phenanthrene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Phenol	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
Pyrene	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Chloroethoxy)methane	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Chloroethyl)ether	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Chloroisopropyl)ether	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]
bis(2-Ethylhexyl)phthalate	ND	(10)	[1]	ND	(10)	[1]	41	(11) [1.075268]
p-Chloroaniline	ND	(10)	[1]	ND	(10)	[1]	ND	(11) [1.075268]

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-03	04-SW-01
	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-SW-01-01

SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	[1]	ND	[1]
1,1,1-Trichloroethane	ND	[1]	ND	[1]
1,1,2,2-Tetrachloroethane	ND	[1]	ND	[1]
1,1,2-Trichloroethane	ND	[1]	ND	[1]
1,1-Dichloroethane	ND	[1]	ND	[1]
1,1-Dichloroethene	ND	[1]	ND	[1]
1,2,3-Trichloropropane	ND	[1]	ND	[1]
1,2-Dichlorobenzene	ND	[1]	ND	[1]
1,2-Dichloroethane	ND	[1]	ND	[1]
1,2-Dichloropropane	ND	[1]	ND	[1]
1,3-Dichlorobenzene	ND	[1]	ND	[1]
1,4-Dichlorobenzene	ND	[1]	ND	[1]
1-Chlorohexane	ND	[1]	ND	[1]
2-Chloroethylvinylether	ND	[1]	ND	[1]
Bromobenzene	ND	[1]	ND	[1]
Bromodichloromethane	ND	[1]	ND	[1]
Bromoform	ND	[1]	ND	[1]
Bromomethane	ND	[1]	ND	[1]
Carbon tetrachloride	ND	[1]	ND	[1]
Chlorobenzene	ND	[1]	ND	[1]
Chloroethane	ND	[1]	ND	[1]
Chloroform	ND	[1]	ND	[1]
Chloromethane	ND	[1]	ND	[1]
Dibromochloromethane	ND	[1]	ND	[1]
Dibromomethane	ND	[1]	ND	[1]
Methylene chloride	ND	[1]	ND	[1]
Tetrachloroethene	ND	[1]	ND	[1]
Trichloroethene	ND	[1]	ND	[1]
Trichlorofluoromethane	ND	[1]	ND	[1]
Vinyl chloride	ND	[1]	ND	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				04			
	LOCATION ID				04			
	SAMPLE ID				04			
	04-MW-02	04-MW-03	04-MW-06 Dup of 04-MW-03-01	04-SW-01	04-MW-02	04-MW-03	04-MW-06 Dup of 04-MW-03-01	04-SW-01
	04-MW-02-01	04-MW-03-01						04-SW-01-01
Endrin Aldehyde	0.0033 KJB (0.022) [1.098901]	0.0035 KJB (0.021) [1.041666]	NA	0.0064 KJB (0.02) [1]				
Heptachlor	0.0064 KJB (0.011) [1.098901]	ND (0.01) [1.041666]	NA	0.0028 KJB (0.01) [1]				
Heptachlor epoxide	ND (0.011) [1.098901]	ND (0.01) [1.041666]	NA	0.0033 JB (0.01) [1]				
Methoxychlor	ND (0.055) [1.098901]	0.018 KJ (0.052) [1.041666]	NA	ND (0.05) [1]				
PCB-1016	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]				
PCB-1221	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]				
PCB-1232	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]				
PCB-1242	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]				
PCB-1248	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]				
PCB-1254	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]				
PCB-1260	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]				
Toxaphene	ND (0.55) [1.098901]	ND (0.52) [1.041666]	NA	ND (0.5) [1]				
alpha-BHC	0.0073 JB (0.011) [1.098901]	0.014 B (0.01) [1.041666]	NA	0.015 B (0.01) [1]				
beta-BHC	ND (0.011) [1.098901]	0.023 (0.01) [1.041666]	NA	ND (0.01) [1]				
delta-BHC	ND (0.011) [1.098901]	0.019 B (0.01) [1.041666]	NA	ND (0.01) [1]				
gamma-BHC	ND (0.011) [1.098901]	0.0086 KJB (0.01) [1.041666]	NA	0.004 PJB (0.01) [1]				
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
1,2-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
1,3-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
1,4-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2,4,5-Trichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2,4,6-Trichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2,4-Dichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2,4-Dimethylphenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2,4-Dinitrophenol	ND (52) [1.030927]	ND (52) [1.036269]	NA	ND (47) [0.943396]				
2,4-Dinitrotoluene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2,6-Dinitrotoluene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2-Chloronaphthalene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2-Chlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				
2-Methylnaphthalene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]				

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-03-01	04-MW-03	04-MW-03	04-SW-01
	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-MW-03	04-MW-03	04-SW-01-01
Fluorene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Hexachlorobenzene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Hexachlorobutadiene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Hexachlorocyclopentadiene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Hexachloroethane	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Indeno(1,2,3-cd)pyrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Isophorone	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
N-Nitrosodiphenylamine	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
N-Nitrosodipropylamine	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Naphthalene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Nitrobenzene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Pentachloropheno[	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	ND
Phenanthrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Phenol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
Pyrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
bis(2-Chloroethoxy)methane	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
bis(2-Chloroethyl) ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
bis(2-Chloroisopropyl) ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
bis(2-Ethylhexyl) phthalate	6.5 JB	(10) [1.030927]	75	(10) [1.036269]	NA	0.82 JB
p-Chloroaniline	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)						
Acenaphthene	ND	(1.9) [1.052631]	ND	(1.8) [1.025641]	ND	(1.9) [1.052631]
Acenaphthylene	ND	(2.4) [1.052631]	ND	(2.4) [1.025641]	ND	(2.4) [1.052631]
Anthracene	ND	(0.69) [1.052631]	ND	(0.68) [1.025641]	ND	(0.69) [1.052631]
Benzo(a)anthracene	ND	(0.014) [1.052631]	ND	(0.013) [1.025641]	ND	(0.014) [1.052631]
Benzo(a)pyrene	ND	(0.024) [1.052631]	ND	(0.024) [1.025641]	ND	(0.024) [1.052631]
Benzo(b)fluoranthene	ND	(0.019) [1.052631]	ND	(0.018) [1.025641]	ND	(0.019) [1.052631]
Benzo(g,h,i)perylene	ND	(0.08) [1.052631]	ND	(0.078) [1.025641]	ND	(0.08) [1.052631]
Benzo(k)fluoranthene	ND	(0.018) [1.052631]	ND	(0.017) [1.025641]	ND	(0.018) [1.052631]
Chrysene	ND	(0.16) [1.052631]	ND	(0.15) [1.025641]	ND	(0.16) [1.052631]
Dibenzo(a,h)anthracene	ND	(0.032) [1.052631]	ND	(0.031) [1.025641]	ND	(0.032) [1.052631]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	04		04		04	
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	04-SW-01	04-SW-02	04-SW-03	04-SW-04	04-SW-04	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01	04-SW-04-01	04-SW-04-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID	
	04	04	04	04
	04-SW-01	04-SW-02	04-SW-03	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01
Endrin Aldehyde	ND	(0.02) [0.995024]	0.0076 KJB (0.019) [0.952380]	ND (0.019) [0.952380]
Heptachlor	0.0024 KJB	(0.01) [0.995024]	0.0028 KJB (0.0095) [0.952380]	0.0014 PJB (0.0095) [0.952380]
Heptachlor epoxide	0.0054 JB	(0.01) [0.995024]	0.01 PB (0.0095) [0.952380]	0.0048 JB (0.0095) [0.952380]
Methoxychlor	ND	(0.05) [0.995024]	ND	ND
PCB-1016	ND	(0.1) [0.995024]	ND	ND
PCB-1221	ND	(0.2) [0.995024]	ND	ND
PCB-1232	ND	(0.2) [0.995024]	ND	ND
PCB-1242	ND	(0.1) [0.995024]	ND	ND
PCB-1248	ND	(0.1) [0.995024]	ND	ND
PCB-1254	ND	(0.2) [0.995024]	ND	ND
PCB-1260	ND	(0.2) [0.995024]	ND	ND
Toxaphene	ND	(0.5) [0.995024]	ND	ND
alpha-BHC	0.015 B	(0.01) [0.995024]	ND	0.012 B (0.0095) [0.952380]
beta-BHC	0.0033 KJB	(0.01) [0.995024]	ND	ND
delta-BHC	ND	(0.01) [0.995024]	ND	ND
gamma-BHC	0.0056 KJB	(0.01) [0.995024]	0.014 B (0.0095) [0.952380]	0.0044 KJB (0.0095) [0.952380]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND	(9.4) [0.943396]	ND	ND
1,2-Dichlorobenzene	ND	(9.4) [0.943396]	ND	ND
1,3-Dichlorobenzene	ND	(9.4) [0.943396]	ND	ND
1,4-Dichlorobenzene	ND	(9.4) [0.943396]	ND	ND
2,4,5-Trichlorophenol	ND	(9.4) [0.943396]	ND	ND
2,4,6-Trichlorophenol	ND	(9.4) [0.943396]	ND	ND
2,4-Dichlorophenol	ND	(9.4) [0.943396]	ND	ND
2,4-Dimethylphenol	ND	(9.4) [0.943396]	ND	ND
2,4-Dinitrophenol	ND	(47) [0.943396]	ND	ND
2,4-Dinitrotoluene	ND	(9.4) [0.943396]	ND	ND
2,6-Dinitrotoluene	ND	(9.4) [0.943396]	ND	ND
2-Chloronaphthalene	ND	(9.4) [0.943396]	ND	ND
2-Chlorophenol	ND	(9.4) [0.943396]	ND	ND
2-Methylnaphthalene	ND	(9.4) [0.943396]	ND	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	04
	04-SW-01	04-SW-02	04-SW-03	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01
2-Methylphenol(o-cresol)	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
2-Nitroaniline	ND	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
2-Nitrophenol	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
3,3'-Dichlorobenzidine	ND	(19) [0.943396]	(19) [0.943396]	(19) [0.943396]
3-Nitroaniline	ND	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
4,6-Dinitro-2-methylphenol	ND	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
4-Bromophenyl phenyl ether	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Chloro-3-methylphenol	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Chlorophenyl phenyl ether	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Methylphenol(p-cresol)	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Nitroaniline	ND	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
4-Nitrophenol	ND	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
Acenaphthene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Acenaphthylene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Anthracene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(a)anthracene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(a)pyrene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(b)fluoranthene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(g,h,i)perylene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(k)fluoranthene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzoic acid	ND	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
Benzyl alcohol	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Butylbenzylphthalate	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Chrysene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Di-n-octylphthalate	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dibenz(a,h)anthracene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dibenzofuran	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dibutylphthalate	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Diethylphthalate	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dimethylphthalate	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Fluoranthene	ND	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	04
	04-SW-01	04-SW-02	04-SW-03	04-SW-04
PARAMETER	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01
Fluorene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachlorobenzene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachlorobutadiene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachlorocyclopentadiene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Hexachloroethane	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Indeno(1,2,3-cd)pyrene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Isophorone	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
N-Nitrosodiphenylamine	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
N-Nitrosodipropylamine	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Naphthalene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Nitrobenzene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Pentachloropheno1	ND	(47) [0.943396]	ND	(47) [0.943396]
Phenanthrene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Phenol	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
Pyrene	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Chloroethoxy)methane	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Chloroethyl)ether	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Chloroisopropyl)ether	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
bis(2-Ethylhexyl)phthalate	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
p-Chloroaniline	ND	(9.4) [0.943396]	ND	(9.4) [0.943396]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	ND	(1.8) [0.975609]	ND	(1.7) [0.952380]
Acenaphthylene	ND	(2.2) [0.975609]	ND	(2.2) [0.952380]
Anthracene	ND	(0.64) [0.975609]	ND	(0.63) [0.952380]
Benzo(a)anthracene	0.0085 J	(0.013) [0.975609]	0.0089 J	(0.012) [0.952380]
Benzo(a)pyrene	0.011 J	(0.022) [0.975609]	0.01 J	(0.022) [0.952380]
Benzo(b)fluoranthene	ND	(0.018) [0.975609]	0.0083 J	(0.017) [0.952380]
Benzo(g,h,i)perylene	ND	(0.074) [0.975609]	0.024 J	(0.075) [0.952380]
Benzo(k)fluoranthene	0.0087 J	(0.017) [0.975609]	0.0096 J	(0.016) [0.952380]
Chrysene	ND	(0.15) [0.975609]	ND	(0.14) [0.952380]
Dibenzo(a,h)anthracene	0.0094 JB	(0.029) [0.975609]	0.0094 JB	(0.029) [0.952380]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	04
	04-SW-01	04-SW-02	04-SW-03	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01
Fluoranthene	ND	(0.2) [0.975609]	0.12 J	(0.21) [0.985221]
Fluorene	ND	(0.2) [0.975609]	ND	(0.21) [0.985221]
Indeno(1,2,3-cd)pyrene	ND	(0.042) [0.975609]	ND	(0.042) [0.985221]
Naphthalene	ND	(1.8) [0.975609]	ND	(1.8) [0.985221]
Phenanthrene	ND	(0.62) [0.975609]	0.17 J	(0.63) [0.985221]
Pyrene	ND	(0.26) [0.975609]	ND	(0.27) [0.985221]
			ND	(0.2) [0.961538]
			ND	(0.2) [0.961538]
			ND	(0.041) [0.961538]
			ND	(1.7) [0.961538]
			ND	(0.62) [0.961538]
			ND	(0.26) [0.961538]
			ND	(0.2) [0.952380]
			ND	(0.2) [0.952380]
			ND	(0.041) [0.952380]
			ND	(1.7) [0.952380]
			ND	(0.61) [0.952380]
			ND	(0.26) [0.952380]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	05	05	05	05	05	05
	05-MW-01	05-MW-02	05-MW-03	05-MW-04	05-MW-04-01	05-MW-04-01
	05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01	05-MW-04-01	05-MW-04-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	1.5	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID	
	05-MW-01		05-MW-02		05-MW-03		05-MW-04		05-MW-04-01	
	05-MW-01-01		05-MW-02-01		05-MW-03-01		05-MW-04-01		05-MW-04-01	
cis-1,3-Dichloropropene	ND	(0.2)	ND	(0.2)	ND	(0.2)	ND	(0.2)	ND	(0.2)
trans-1,2-Dichloroethene	ND	(0.25)	ND	(0.25)	ND	(0.25)	ND	(0.25)	ND	(0.25)
trans-1,3-Dichloropropene	ND	(0.15)	ND	(0.15)	ND	(0.15)	ND	(0.15)	ND	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)										
Ethanol	ND	(2000)	ND	(2000)	ND	(2000)	ND	(2000)	ND	(2000)
Ethyl ether	ND	(10000)	ND	(10000)	ND	(10000)	ND	(10000)	ND	(10000)
Methyl ethyl ketone	ND	(3000)	ND	(3000)	ND	(3000)	ND	(3000)	ND	(3000)
Methyl isobutyl ketone	ND	(2000)	ND	(2000)	ND	(2000)	ND	(2000)	ND	(2000)
SW8015MEP - Nonhalogenated Volatile Organics (ug/L)										
Diesel Range Organics (2)	870	(200)	ND	(200)	12000	(1900)	9500	(1000)		[5.05]
SW8020 - Aromatic Volatile Organics (ug/L)										
1,2-Dichlorobenzene	ND	(0.4)	ND	(0.4)	ND	(800)	ND	(800)	ND	(800)
1,3-Dichlorobenzene	ND	(0.2)	ND	(0.2)	ND	(400)	ND	(400)	ND	(400)
1,4-Dichlorobenzene	ND	(0.4)	ND	(0.4)	ND	(800)	ND	(800)	ND	(800)
Benzene	24	(0.3)	10	(0.3)	36000	(600)	45000	(600)		[2000]
Chlorobenzene	ND	(0.2)	ND	(0.2)	ND	(400)	ND	(400)	ND	(400)
Ethylbenzene	0.32	(0.2)	0.9	(0.2)	1400	(400)	1300	(400)		[2000]
Gasoline Range Organics (2)	560	(100)	110	(100)	270000	(200000)	270000	(200000)		[2000]
Toluene	0.41 B	(0.2)	16	(0.2)	33000	(400)	31000	(400)		[2000]
Total xylenes	ND	(0.3)	2.4	(0.3)	4500	(600)	4200	(600)		[2000]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.0099)	ND	(0.0099)	0.026 P	(0.01)	ND	(0.01)	ND	[1.010101]
4,4'-DDE	ND	(0.0099)	ND	(0.0099)	0.021	(0.01)	ND	(0.01)	ND	[1.010101]
4,4'-DDT	0.0088 JB	(0.02)	ND	(0.02)	0.014 J	(0.02)	0.01 JB	(0.02)		[1.010101]
Aldrin	0.014 B	(0.0099)	ND	(0.0099)	0.014 B	(0.01)	0.023 P	(0.01)		[1.010101]
Chlordane	ND	(0.05)	ND	(0.049)	ND	(0.051)	ND	(0.051)	ND	[1.010101]
Dieldrin	0.0088 J	(0.0099)	0.017	(0.0099)	ND	(0.01)	0.026	(0.01)		[1.010101]
Endosulfan I	ND	(0.0099)	ND	(0.0099)	ND	(0.01)	ND	(0.01)	ND	[1.010101]
Endosulfan II	0.0013 KJB	(0.03)	ND	(0.03)	ND	(0.03)	0.0016 KJB	(0.03)		[1.010101]
Endosulfan Sulfate	0.0073 KJB	(0.05)	ND	(0.049)	ND	(0.051)	0.011 KJB	(0.051)		[1.010101]
Endrin	ND	(0.0099)	0.023 B	(0.0099)	0.026 B	(0.01)	0.01 B	(0.01)		[1.010101]

Compiled: 23 May 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	05				05				05			
	05-MW-01				05-MW-02				05-MW-03			
	05-MW-01-01				05-MW-02-01				05-MW-03-01			
05-MW-04				05-MW-04-01				05-MW-04-01				

Endrin Aldehyde	0.0056 KJB	(0.02)	[0.990099]	0.011 PJB	(0.02)	[0.985221]	0.0003 PJB	(0.02)	[1.010101]	0.0051 KJB	(0.02)	[1.010101]
Heptachlor	0.0045 KJB	(0.0099)	[0.990099]	0.0068 KJB	(0.0099)	[0.985221]	0.006 KJB	(0.01)	[1.010101]	0.021 B	(0.01)	[1.010101]
Heptachlor epoxide	0.0046 PJB	(0.0099)	[0.990099]	0.0073 PJB	(0.0099)	[0.985221]	0.0062 PJB	(0.01)	[1.010101]	0.048 PB	(0.01)	[1.010101]
Methoxychlor	ND	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	ND	(0.051)	[1.010101]	ND	(0.051)	[1.010101]
PCB-1016	ND	(0.099)	[0.990099]	ND	(0.099)	[0.985221]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.010101]
PCB-1221	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]
PCB-1232	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]
PCB-1242	ND	(0.099)	[0.990099]	ND	(0.099)	[0.985221]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.010101]
PCB-1248	ND	(0.099)	[0.990099]	ND	(0.099)	[0.985221]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.010101]
PCB-1254	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]
PCB-1260	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]
Toxaphene	ND	(0.5)	[0.990099]	ND	(0.49)	[0.985221]	ND	(0.51)	[1.010101]	ND	(0.51)	[1.010101]
alpha-BHC	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	0.013 B	(0.01)	[1.010101]	0.094	(0.01)	[1.010101]
beta-BHC	0.014	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	ND	(0.01)	[1.010101]	0.086	(0.01)	[1.010101]
delta-BHC	ND	(0.0099)	[0.990099]	0.017 PB	(0.0099)	[0.985221]	0.018 PB	(0.01)	[1.010101]	ND	(0.01)	[1.010101]
gamma-BHC	0.011 B	(0.0099)	[0.990099]	0.012 B	(0.0099)	[0.985221]	ND	(0.01)	[1.010101]	0.033 PB	(0.01)	[1.010101]

SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
1,2-Dichlorobenzene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
1,3-Dichlorobenzene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
1,4-Dichlorobenzene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2,4,5-Trichloropheno	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2,4,6-Trichloropheno	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2,4-Dichloropheno	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2,4-Dimethylpheno	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	230	(10)	[1.005025]
2,4-Dinitrophenol	ND	(51)	[1.015228]	ND	(49)	[0.970873]	ND	(50)	[0.990099]	ND	(50)	[1.005025]
2,4-Dinitrotoluene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2,6-Dinitrotoluene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2-Chloronaphthalene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2-Chloropheno	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	ND	(9.9)	[0.990099]	ND	(10)	[1.005025]
2-Methylnaphthalene	ND	(10)	[1.015228]	ND	(9.7)	[0.970873]	100	(9.9)	[0.990099]	33	(10)	[1.005025]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	05		05	
	05-MW-01	05-MW-02	05-MW-03	05-MW-04
	05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01
2-Methylphenol(o-cresol)	ND	(10) [1.015228]	(9.7) [0.970873]	8.9 J
2-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	ND
2-Nitrophenol	ND	(10) [1.015228]	(9.7) [0.970873]	ND
3,3'-Dichlorobenzidine	ND	(20) [1.015228]	(19) [0.970873]	ND
3-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	ND
4,6-Dinitro-2-methylphenol	ND	(51) [1.015228]	(49) [0.970873]	ND
4-Bromophenyl phenyl ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND
4-Chloro-3-methylphenol	ND	(10) [1.015228]	(9.7) [0.970873]	ND
4-Chlorophenyl phenyl ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND
4-Methylphenol(p-cresol)	ND	(10) [1.015228]	(9.7) [0.970873]	13
4-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	ND
4-Nitrophenol	ND	(51) [1.015228]	(49) [0.970873]	ND
Acenaphthene	ND	(10) [1.015228]	(9.7) [0.970873]	1.4 J
Acenaphthylene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Benzo(a)anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Benzo(a)pyrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Benzo(b)fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Benzo(g,h,i)perylene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Benzo(k)fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Benzoic acid	ND	(51) [1.015228]	(49) [0.970873]	1700
Benzyl alcohol	ND	(10) [1.015228]	(9.7) [0.970873]	7.3 J
Butylbenzylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Chrysene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Di-n-octylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Dibenz(a,h)anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Dibenzofuran	ND	(10) [1.015228]	(9.7) [0.970873]	2 J
Dibutylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Diethylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Dimethylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	05	05	05	05
	05-MW-01	05-MW-02	05-MW-03	05-MW-04
	05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01
Fluorene	ND	(10) [1.015228]	(9.7) [0.970873]	1.3 J
Hexachlorobenzene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Hexachlorobutadiene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Hexachlorocyclopentadiene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Hexachloroethane	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Indeno(1,2,3-cd)pyrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Isophorone	ND	(10) [1.015228]	(9.7) [0.970873]	1.9 J
N-Nitrosodiphenylamine	ND	(10) [1.015228]	(9.7) [0.970873]	ND
N-Nitrosodipropylamine	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Naphthalene	ND	(10) [1.015228]	(9.7) [0.970873]	130
Nitrobenzene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Pentachloropheno1	ND	(51) [1.015228]	(49) [0.970873]	ND
Phenanthrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
Pheno1	ND	(10) [1.015228]	(9.7) [0.970873]	21
Pyrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Chloroethoxy)methane	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Chloroethyl) ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Chloroisopropyl) ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND
bis(2-Ethylhexyl) phthalate	0.88 JB	(10) [1.015228]	(9.7) [0.970873]	16 B
p-Chloroaniline	ND	(10) [1.015228]	(9.7) [0.970873]	ND

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05			
	LOCATION ID				05-MW-05				05-MW-06			
	SAMPLE ID				05-MW-05-01				05-MW-06-01			
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(5)	[2]	[1]	ND	(2.5)	[1]	ND	(5)	[2]	ND	(2.5)
1,1,1-Trichloroethane	ND	(1.1)	[2]	[1]	ND	(0.55)	[1]	ND	(1.1)	[2]	ND	(0.55)
1,1,2,2-Tetrachloroethane	ND	(0.6)	[2]	[1]	ND	(0.3)	[1]	ND	(0.6)	[2]	ND	(0.3)
1,1,2-Trichloroethane	ND	(0.4)	[2]	[1]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)
1,1-Dichloroethane	ND	(1)	[2]	[1]	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)
1,1-Dichloroethene	ND	(1.4)	[2]	[1]	ND	(0.7)	[1]	ND	(1.4)	[2]	ND	(0.7)
1,2,3-Trichloropropane	ND	(3.2)	[2]	[1]	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)
1,2-Dichlorobenzene	ND	(0.5)	[2]	[1]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)
1,2-Dichloroethane	ND	(0.3)	[2]	[1]	ND	(0.15)	[1]	37	(0.3)	[2]	ND	(0.15)
1,2-Dichloropropane	ND	(0.3)	[2]	[1]	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)
1,3-Dichlorobenzene	ND	(0.64)	[2]	[1]	ND	(0.32)	[1]	ND	(0.64)	[2]	ND	(0.32)
1,4-Dichlorobenzene	ND	(0.5)	[2]	[1]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)
1-Chlorohexane	ND	(6.8)	[2]	[1]	ND	(3.4)	[1]	ND	(6.8)	[2]	ND	(3.4)
2-Chloroethylvinylether	ND	(1.2)	[2]	[1]	ND	(0.6)	[1]	ND	(1.2)	[2]	ND	(0.6)
Bromobenzene	ND	(3.2)	[2]	[1]	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)
Bromodichloromethane	ND	(0.2)	[2]	[1]	ND	(0.1)	[1]	ND	(0.2)	[2]	ND	(0.1)
Bromoform	ND	(1)	[2]	[1]	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)
Bromomethane	ND	(0.7)	[2]	[1]	ND	(0.35)	[1]	ND	(0.7)	[2]	ND	(0.35)
Carbon tetrachloride	ND	(0.7)	[2]	[1]	ND	(0.35)	[1]	ND	(0.7)	[2]	ND	(0.35)
Chlorobenzene	ND	(0.6)	[2]	[1]	ND	(0.3)	[1]	ND	(0.6)	[2]	ND	(0.3)
Chloroethane	ND	(1.4)	[2]	[1]	ND	(0.7)	[1]	ND	(1.4)	[2]	ND	(0.7)
Chloroform	ND	(0.3)	[2]	[1]	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)
Chloromethane	ND	(1)	[2]	[1]	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)
Dibromochloromethane	ND	(0.4)	[2]	[1]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)
Dibromomethane	ND	(3.2)	[2]	[1]	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)
Methylene chloride	ND	(0.8)	[2]	[1]	ND	(0.4)	[1]	ND	(0.8)	[2]	ND	(0.4)
Tetrachloroethene	ND	(0.2)	[2]	[1]	ND	(0.1)	[1]	ND	(0.2)	[2]	ND	(0.1)
Trichloroethene	ND	(0.4)	[2]	[1]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)
Trichlorofluoromethane	ND	(1.1)	[2]	[1]	ND	(0.55)	[1]	ND	(1.1)	[2]	ND	(0.55)
Vinyl chloride	ND	(0.5)	[2]	[1]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05			
	LOCATION ID				05				05			
	SAMPLE ID				05-MW-06				05-MW-07			
					05-MW-05-01	05-MW-05-02	05-MW-05-03	05-MW-05-04	05-MW-07-01	05-MW-07-02	05-MW-08-01	05-MW-08-02
cis-1,3-Dichloropropene	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.5)	[2]	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.3)	[2]	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	11000	(2000)	[9.80]	ND	(200)	[0.985]	71000	(9800)	[48.8]	ND	(210)	[1.06]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	19000	(8000)	[20000]	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(8000)	[20000]	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]
Benzene	63000	(6000)	[20000]	ND	(0.3)	[1]	35000	(600)	[2000]	ND	(0.3)	[1]
Chlorobenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]
Ethylbenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	830	(400)	[2000]	ND	(0.2)	[1]
Gasoline Range Organics (2)	3000000	(2000000)	[20000]	ND	(100)	[1]	500000	(100000)	[1000]	ND	(100)	[1]
Toluene	160000	(4000)	[20000]	ND	(0.2)	[1]	31000	(400)	[2000]	ND	(0.2)	[1]
Total xylenes	270000	(6000)	[20000]	ND	(0.3)	[1]	4900	(600)	[2000]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	0.025	(0.0099)	[0.990099]	0.021 B	(0.0099)	[0.990099]	0.038	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
4,4'-DDE	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
4,4'-DDT	0.0007 PJB	(0.02)	[0.990099]	0.0009 PJB	(0.02)	[0.990099]	ND	(0.021)	[1.036269]	0.0081 KJB	(0.019)	[0.970873]
Aldrin	0.026	(0.0099)	[0.990099]	0.013 B	(0.0099)	[0.990099]	0.018 B	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
Chlordane	ND	(0.05)	[0.990099]	ND	(0.05)	[0.990099]	ND	(0.052)	[1.036269]	ND	(0.049)	[0.970873]
Dieldrin	0.0087 J	(0.0099)	[0.990099]	0.0095 J	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
Endosulfan I	ND	(0.0099)	[0.990099]	0.0089 KJB	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]
Endosulfan II	0.0008 KJB	(0.03)	[0.990099]	ND	(0.03)	[0.990099]	0.018 KJB	(0.031)	[1.036269]	ND	(0.029)	[0.970873]
Endosulfan Sulfate	0.018 KJB	(0.05)	[0.990099]	0.0061 KJB	(0.05)	[0.990099]	0.028 JB	(0.052)	[1.036269]	0.016 KJB	(0.049)	[0.970873]
Endrin	ND	(0.0099)	[0.990099]	0.019 B	(0.0099)	[0.990099]	ND	(0.01)	[1.036269]	ND	(0.0097)	[0.970873]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05					05				
	LOCATION ID		LOCATION ID		SAMPLE ID	LOCATION ID		LOCATION ID		SAMPLE ID
	05-MW-05	05-MW-05-01	05-MW-06	05-MW-06-01		05-MW-07	05-MW-07-01	05-MW-08	05-MW-08-01	
Endrin Aldehyde	0.0089 KJB	(0.02) [0.990099]	0.0054 JB	(0.02) [0.990099]	0.0065 KJB	(0.021) [1.036269]	0.0005 PJB	(0.019) [0.970873]		
Heptachlor	ND	(0.0099) [0.990099]	0.0056 JB	(0.0099) [0.990099]	0.0029 PJB	(0.01) [1.036269]	0.0034 KJB	(0.0097) [0.970873]		
Heptachlor epoxide	0.023 PB	(0.0099) [0.990099]	0.005 PJB	(0.0099) [0.990099]	0.071 P	(0.01) [1.036269]	0.0011 KJB	(0.0097) [0.970873]		
Methoxychlor	ND	(0.05) [0.990099]	ND	(0.05) [0.990099]	ND	(0.052) [1.036269]	ND	(0.049) [0.970873]		
PCB-1016	ND	(0.099) [0.990099]	ND	(0.099) [0.990099]	ND	(0.1) [1.036269]	ND	(0.097) [0.970873]		
PCB-1221	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]		
PCB-1232	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]		
PCB-1242	ND	(0.099) [0.990099]	ND	(0.099) [0.990099]	ND	(0.1) [1.036269]	ND	(0.097) [0.970873]		
PCB-1248	ND	(0.099) [0.990099]	ND	(0.099) [0.990099]	ND	(0.1) [1.036269]	ND	(0.097) [0.970873]		
PCB-1254	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]		
PCB-1260	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]		
Toxaphene	ND	(0.5) [0.990099]	ND	(0.5) [0.990099]	ND	(0.52) [1.036269]	ND	(0.49) [0.970873]		
alpha-BHC	0.054	(0.0099) [0.990099]	0.016	(0.0099) [0.990099]	0.038	(0.01) [1.036269]	ND	(0.0097) [0.970873]		
beta-BHC	0.072	(0.0099) [0.990099]	0.011	(0.0099) [0.990099]	0.11	(0.01) [1.036269]	ND	(0.0097) [0.970873]		
delta-BHC	0.029	(0.0099) [0.990099]	ND	(0.0099) [0.990099]	ND	(0.01) [1.036269]	ND	(0.0097) [0.970873]		
gamma-BHC	0.068	(0.0099) [0.990099]	0.011 B	(0.0099) [0.990099]	0.046	(0.01) [1.036269]	ND	(0.0097) [0.970873]		
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
1,2-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
1,3-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
1,4-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2,4,5-Trichlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2,4,6-Trichlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2,4-Dichlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2,4-Dimethylphenol	61	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2,4-Dinitrophenol	ND	(49) [0.980392]	ND	(50) [1]	ND	(50) [1]	ND	(52) [1.030927]		
2,4-Dinitrotoluene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2,6-Dinitrotoluene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2-Chloronaphthalene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2-Chlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]		
2-Methylnaphthalene	260	(49) [4.901960]	ND	(10) [1]	660	(100) [1]	ND	(10) [1.030927]		

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-05	05-MW-05-01	05-MW-06	05-MW-06-01	05-MW-07	05-MW-07-01	05-MW-08	05-MW-08-01		
2-Methylphenol(o-cresol)	160	(9.8) [0.980392]	ND	(10)	[1]	570	(100)	[10]	ND	(10) [1.030927]
2-Nitroaniline	ND	(49) [0.980392]	ND	(50)	[1]	ND	(50)	[1]	ND	(52) [1.030927]
2-Nitrophenol	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
3,3'-Dichlorobenzidine	ND	(20) [0.980392]	ND	(20)	[1]	ND	(20)	[1]	ND	(21) [1.030927]
3-Nitroaniline	ND	(49) [0.980392]	ND	(50)	[1]	ND	(50)	[1]	ND	(52) [1.030927]
4,6-Dinitro-2-methylphenol	ND	(49) [0.980392]	ND	(50)	[1]	ND	(50)	[1]	ND	(52) [1.030927]
4-Bromophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
4-Chloro-3-methylphenol	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
4-Chlorophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
4-Methylphenol(p-cresol)	290	(49) [4.901960]	ND	(10)	[1]	200	(100)	[10]	ND	(10) [1.030927]
4-Nitroaniline	ND	(49) [0.980392]	ND	(50)	[1]	ND	(50)	[1]	ND	(52) [1.030927]
4-Nitrophenol	ND	(49) [0.980392]	ND	(50)	[1]	ND	(50)	[1]	ND	(52) [1.030927]
Acenaphthene	1.3 J	(9.8) [0.980392]	ND	(10)	[1]	12	(10)	[1]	ND	(10) [1.030927]
Acenaphthylene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Anthracene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Benzo(a)anthracene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Benzo(a)pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Benzo(b)fluoranthene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Benzo(g,h,i)perylene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Benzo(k)fluoranthene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Benzoic acid	510	(250) [4.901960]	ND	(50)	[1]	7200	(2500)	[50]	ND	(52) [1.030927]
Benzyl alcohol	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Butylbenzylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Chrysene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Di-n-octylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Dibenz(a,h)anthracene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Dibenzofuran	5 J	(9.8) [0.980392]	ND	(10)	[1]	18	(10)	[1]	ND	(10) [1.030927]
Dibutylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Diethylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Dimethylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(10)	[1]	ND	(10) [1.030927]
Fluoranthene	ND	(9.8) [0.980392]	ND	(10)	[1]	0.37 J	(10)	[1]	ND	(10) [1.030927]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	05-MW-05	05-MW-05-01	05-MW-06	05-MW-06-01	05-MW-07	05-MW-08
					05-MW-07-01	05-MW-08-01
Fluorene	3.5 J	(9.8) [0.980392]	ND	(10)	[1]	13
Hexachlorobenzene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
Hexachlorobutadiene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
Hexachlorocyclopentadiene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
Hexachloroethane	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
Isophorone	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
N-Nitrosodiphenylamine	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
N-Nitrosodipropylamine	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
Naphthalene	270	(49) [4.901960]	ND	(10)	[1]	430
Nitrobenzene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
Pentachloropheno	ND	(49) [0.980392]	ND	(50)	[1]	ND
Phenanthrene	1.2 J	(9.8) [0.980392]	ND	(10)	[1]	1.7 J
Pheno	330	(49) [4.901960]	ND	(10)	[1]	380
Pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	0.37 J
bis(2-Chloroethoxy)methane	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
bis(2-Chloroethyl)ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
bis(2-Chloroisopropyl)ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND
bis(2-Ethylhexyl)phthalate	110	(9.8) [0.980392]	1.7 JB	(10)	[1]	880
p-Chloroaniline	ND	(9.8) [0.980392]	ND	(10)	[1]	ND

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	05-MW-09	05-MW-09-01	05-MW-09	05-MW-08 Dup of 05-MW-09-01	05-MW-10	05-MW-11
					05-MW-10-01	05-MW-11-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	ND
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	0.43
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	ND
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	ND
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	ND
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	ND
Bromoform	ND	(0.5)	[1]	ND	(0.5)	ND
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	ND
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	ND
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	ND
Chloroform	ND	(0.15)	[1]	ND	(0.15)	ND
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	ND
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	ND
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	ND
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	ND
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	ND
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	ND
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	ND
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	ND

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	05 05-MW-09 05-MW-09-01	05 05-MW-09 05-DS-08 Dup of 05-MW-09-01	05 05-MW-10 05-MW-10-01	05 05-MW-11 05-MW-11-01	
cis-1,3-Dichloropropene	ND	[1]	(0.2)	ND	[1]
trans-1,2-Dichloroethene	ND	[1]	(0.25)	ND	(0.2)
trans-1,3-Dichloropropene	ND	[1]	(0.15)	ND	(0.25)
SW8015 - Nonhalogenated Volatile Organics (ug/L)				ND	(0.15)
Ethanol	ND	[1]	(2000)	ND	[1]
Ethyl ether	ND	[1]	(10000)	ND	(2000)
Methyl ethyl ketone	ND	[1]	(3000)	ND	(10000)
Methyl isobutyl ketone	ND	[1]	(2000)	ND	(3000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)				ND	(2000)
Diesel Range Organics (2)	ND	[0.976]	(200)	130000	[97.1]
SW8020 - Aromatic Volatile Organics (ug/L)					[960]
1,2-Dichlorobenzene	ND	[1]	(0.4)	ND	(10)
1,3-Dichlorobenzene	ND	[1]	(0.2)	ND	(5)
1,4-Dichlorobenzene	ND	[1]	(0.4)	ND	(10)
Benzene	ND	[1]	(0.3)	54000	(7.5)
Chlorobenzene	ND	[1]	(0.2)	ND	(5)
Ethylbenzene	ND	[1]	(0.2)	1800	(5)
Gasoline Range Organics (2)	ND	[1]	(100)	270000	(2500)
Toluene	ND	[1]	(0.2)	48000	(5)
Total xylenes	ND	[1]	(0.3)	6700	(7.5)
SW8080 - Organochlorine Pesticides and PCBs					
4,4'-DDD	ND	[1.081081]	(0.011)	0.22	[1]
4,4'-DDE	ND	[1.081081]	(0.011)	0.27	[1]
4,4'-DDT	0.014 KJ	[1.081081]	(0.022)	0.16	[1]
Aldrin	ND	[1.081081]	(0.011)	ND	[1]
Chlordane	ND	[1.081081]	(0.054)	ND	[1]
Dieldrin	0.0092 KJ	[1.081081]	(0.011)	ND	[1]
Endosulfan, I	ND	[1.081081]	(0.011)	0.021 PB	[1]
Endosulfan II	ND	[1.081081]	(0.032)	ND	[1]
Endosulfan Sulfate	0.017 KJB	[1.081081]	(0.054)	0.023 JB	[1]
Endrin	ND	[1.081081]	(0.011)	0.074	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID	
	05 05-MW-09 05-MW-09-01	05 05-MW-09 05-MW-09-01	05 05-MW-08 Dup of 05-MW-09-01	05 05-MW-09 05-MW-10-01	05 05-MW-09 05-MW-10-01	05 05-MW-09 05-MW-10-01	05 05-MW-09 05-MW-10-01	05 05-MW-09 05-MW-10-01	05 05-MW-09 05-MW-10-01	05 05-MW-09 05-MW-10-01
Endrin Aldehyde	0.0068 JB	(0.022) [1.081081]	0.0022 KJB	(0.02) [1]	0.019 KJB	(0.02) [1]	0.0023 KJB	(0.02) [1]	0.0023 KJB	(0.02) [0.980392]
Heptachlor	ND	(0.011) [1.081081]	ND	(0.01) [1]	0.01 PB	(0.01) [1]	ND	(0.0098) [0.980392]	ND	(0.0098) [0.980392]
Heptachlor epoxide	ND	(0.011) [1.081081]	0.0013 KJB	(0.01) [1]	0.078 P	(0.01) [1]	ND	(0.0098) [0.980392]	ND	(0.0098) [0.980392]
Methoxychlor	ND	(0.054) [1.081081]	ND	(0.05) [1]	ND	(0.05) [1]	ND	(0.049) [0.980392]	ND	(0.049) [0.980392]
PCB-1016	ND	(0.11) [1.081081]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.098) [0.980392]	ND	(0.098) [0.980392]
PCB-1221	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]	ND	(0.2) [0.980392]
PCB-1232	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]	ND	(0.2) [0.980392]
PCB-1242	ND	(0.11) [1.081081]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.098) [0.980392]	ND	(0.098) [0.980392]
PCB-1248	ND	(0.11) [1.081081]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.098) [0.980392]	ND	(0.098) [0.980392]
PCB-1254	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]	ND	(0.2) [0.980392]
PCB-1260	ND	(0.22) [1.081081]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [0.980392]	ND	(0.2) [0.980392]
Toxaphene	ND	(0.54) [1.081081]	ND	(0.5) [1]	ND	(0.5) [1]	ND	(0.49) [0.980392]	ND	(0.49) [0.980392]
alpha-BHC	ND	(0.011) [1.081081]	ND	(0.01) [1]	0.13	(0.01) [1]	0.016	(0.0098) [0.980392]	0.016	(0.0098) [0.980392]
beta-BHC	ND	(0.011) [1.081081]	ND	(0.01) [1]	0.14	(0.01) [1]	0.006 KJB	(0.0098) [0.980392]	0.006 KJB	(0.0098) [0.980392]
delta-BHC	ND	(0.011) [1.081081]	0.02 B	(0.01) [1]	0.12	(0.01) [1]	0.018 B	(0.0098) [0.980392]	0.018 B	(0.0098) [0.980392]
gamma-BHC	ND	(0.011) [1.081081]	0.027 B	(0.01) [1]	0.073	(0.01) [1]	0.0083 JB	(0.0098) [0.980392]	0.0083 JB	(0.0098) [0.980392]
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
1,2-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
1,3-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
1,4-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4,5-Trichloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4,6-Trichloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4-Dichloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4-Dimethylpheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,4-Dinitrophenol	ND	(49) [0.970873]	ND	(52) [1.041666]	ND	(420) [8.333332]	ND	(48) [0.956937]	ND	(48) [0.956937]
2,4-Dinitrotoluene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2,6-Dinitrotoluene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2-Chloronaphthalene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2-Chloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]
2-Methylnaphthalene	ND	(9.7) [0.970873]	1.1 J	(10) [1.041666]	1200	(210) [20.83333]	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	05	05	05	05	05	05
	05-MW-09	05-MW-09	05-MW-09	05-MW-10	05-MW-11	05-MW-11
	05-MW-09-01	05-MW-09	05-MW-09 Dup of 05-MW-09-01	05-MW-10-01	05-MW-11-01	05-MW-11-01
Fluorene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Hexachlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Hexachlorobutadiene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Hexachlorocyclopentadiene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Hexachloroethane	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Indeno(1,2,3-cd)pyrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Isophorone	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
N-Nitrosodiphenylamine	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
N-Nitrosodipropylamine	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Naphthalene	ND	(9.7) [0.970873]	0.73 J	(10) [1.041666]	(210) [20.83333]	ND
Nitrobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Pentachloropheno[	ND	(49) [0.970873]	ND	(52) [1.041666]	(420) [8.333332]	ND
Phenanthrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Pheno[	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
Pyrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
bis(2-Chloroethoxy)methane	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
bis(2-Chloroethyl) ether	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
bis(2-Chloroisopropyl) ether	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND
bis(2-Ethylhexyl) phthalate	3.4 JB	(9.7) [0.970873]	1.8 JB	(10) [1.041666]	(83) [8.333332]	ND
p-Chloroaniline	ND	(9.7) [0.970873]	ND	(10) [1.041666]	(83) [8.333332]	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-12	05-MW-12-01	05-MW-12	05-MW-12	05-MW-12	05-MW-12-01	05-MW-12	05-MW-12	05-SW-02	05-SW-02-01
				05-DS-09 Dup of 05-MW-12-01						
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(5)	[2]	ND	(2.5)	[1]	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(1.1)	[2]	ND	(0.55)	[1]	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.6)	[2]	ND	(0.3)	[1]	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)	[1]	ND
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)	[1]	ND
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(1.4)	[2]	ND	(0.7)	[1]	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)	[1]	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)	[1]	ND
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)	[1]	ND
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)	[1]	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.64)	[2]	ND	(0.32)	[1]	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)	[1]	ND
1-Chlorohexane	ND	(3.4)	[1]	ND	(6.8)	[2]	ND	(3.4)	[1]	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(1.2)	[2]	ND	(0.6)	[1]	ND
Bromobenzene	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)	[1]	ND
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.2)	[2]	ND	(0.1)	[1]	ND
Bromoform	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)	[1]	ND
Bromomethane	ND	(0.35)	[1]	ND	(0.7)	[2]	ND	(0.35)	[1]	ND
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.7)	[2]	ND	(0.35)	[1]	ND
Chlorobenzene	ND	(0.3)	[1]	ND	(0.6)	[2]	ND	(0.3)	[1]	ND
Chloroethane	ND	(0.7)	[1]	ND	(1.4)	[2]	ND	(0.7)	[1]	ND
Chloroform	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)	[1]	ND
Chloromethane	ND	(0.5)	[1]	ND	(1)	[2]	ND	(0.5)	[1]	ND
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)	[1]	ND
Dibromomethane	ND	(1.6)	[1]	ND	(3.2)	[2]	ND	(1.6)	[1]	ND
Methylene chloride	ND	(0.4)	[1]	2.6 B	(0.8)	[2]	ND	(0.4)	[1]	ND
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.2)	[2]	ND	(0.1)	[1]	ND
Trichloroethene	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)	[1]	ND
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(1.1)	[2]	ND	(0.55)	[1]	ND
Vinyl chloride	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)	[1]	ND

Compiled: 23 March 1995

() = Detection Limit

[] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05			
	LOCATION ID				05				05			
	SAMPLE ID				05-MW-12				05-SW-01			
	05-MW-12-01	05-MW-12	05-DS-09 Dup of 05-MW-12-01	05-SW-01-01	05-SW-02	05-SW-02-01						
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.5)	[2]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.3)	[2]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)												
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)												
Diesel Range Organics (2)	910	(200)	[0.980]	11000	(1900)	[9.71]	ND	(200)	[1]	ND	(200)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(800)	[2000]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	50000	(600)	[2000]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	1400	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	440000	(200000)	[2000]	ND	(100)	[1]	ND	(100)	[1]
Toluene	ND	(0.2)	[1]	37000	(400)	[2000]	ND	(0.2)	[1]	ND	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	5000	(600)	[2000]	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.0097)	[0.970873]	0.023 B	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]
4,4'-DDE	ND	(0.0097)	[0.970873]	0.027	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]
4,4'-DDT	ND	(0.019)	[0.970873]	0.016 J	(0.02)	[0.980392]	0.031	(0.02)	[0.995024]	0.001 PJB	(0.02)	[0.995024]
Aldrin	ND	(0.0097)	[0.970873]	0.024	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	0.0055 PJB	(0.01)	[0.995024]
Chlordane	ND	(0.049)	[0.970873]	ND	(0.049)	[0.980392]	ND	(0.05)	[0.995024]	ND	(0.05)	[0.995024]
Dieldrin	ND	(0.0097)	[0.970873]	0.0088 J	(0.0098)	[0.980392]	0.007 JB	(0.01)	[0.995024]	0.008 JB	(0.01)	[0.995024]
Endosulfan I	0.0049 KJB	(0.0097)	[0.970873]	ND	(0.0098)	[0.980392]	0.0069 KJB	(0.01)	[0.995024]	0.0053 KJB	(0.01)	[0.995024]
Endosulfan II	0.0022 KJB	(0.029)	[0.970873]	ND	(0.029)	[0.980392]	0.022 KJB	(0.03)	[0.995024]	0.02 JB	(0.03)	[0.995024]
Endosulfan Sulfate	ND	(0.049)	[0.970873]	0.0092 KJB	(0.049)	[0.980392]	ND	(0.05)	[0.995024]	0.044 KJ	(0.05)	[0.995024]
Endrin	ND	(0.0097)	[0.970873]	ND	(0.0098)	[0.980392]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05							
	LOCATION ID				05-MW-12				05-SW-01							
	SAMPLE ID				05-DS-09 Dup of 05-MW-12-01				05-SW-01-01							
	05	05	05	05	05	05	05	05	05	05	05	05	05	05		
	05-MW-12	05-MW-12	05-MW-12	05-MW-12	05-MW-12	05-MW-12	05-MW-12	05-MW-12	05-MW-12	05-SW-01	05-SW-01	05-SW-01	05-SW-02	05-SW-02-01		
	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-MW-12-01	05-SW-01-01	05-SW-01-01	05-SW-01-01	05-SW-02-01	05-SW-02-01		
Endrin Aldehyde	0.0078	KJB	(0.019)	[0.970873]	0.0064	KJB	(0.02)	[0.980392]	ND	(0.02)	[0.995024]	ND	(0.02)	[0.995024]		
Heptachlor	ND		(0.0097)	[0.970873]	0.018	B	(0.0098)	[0.980392]	0.0021	KJB	(0.01)	[0.995024]	0.0011	KJB	(0.01)	[0.995024]
Heptachlor epoxide	0.014	B	(0.0097)	[0.970873]	0.022	PB	(0.0098)	[0.980392]	0.0053	PJB	(0.01)	[0.995024]	0.0061	PJB	(0.01)	[0.995024]
Methoxychlor	ND		(0.049)	[0.970873]	ND		(0.049)	[0.980392]	ND		(0.05)	[0.995024]	ND		(0.05)	[0.995024]
PCB-1016	ND		(0.097)	[0.970873]	ND		(0.098)	[0.980392]	ND		(0.1)	[0.995024]	ND		(0.1)	[0.995024]
PCB-1221	ND		(0.19)	[0.970873]	ND		(0.2)	[0.980392]	ND		(0.2)	[0.995024]	ND		(0.2)	[0.995024]
PCB-1232	ND		(0.19)	[0.970873]	ND		(0.2)	[0.980392]	ND		(0.2)	[0.995024]	ND		(0.2)	[0.995024]
PCB-1242	ND		(0.097)	[0.970873]	ND		(0.098)	[0.980392]	ND		(0.1)	[0.995024]	ND		(0.1)	[0.995024]
PCB-1248	ND		(0.097)	[0.970873]	ND		(0.098)	[0.980392]	ND		(0.1)	[0.995024]	ND		(0.1)	[0.995024]
PCB-1254	ND		(0.19)	[0.970873]	ND		(0.2)	[0.980392]	ND		(0.2)	[0.995024]	ND		(0.2)	[0.995024]
PCB-1260	ND		(0.19)	[0.970873]	ND		(0.2)	[0.980392]	ND		(0.2)	[0.995024]	ND		(0.2)	[0.995024]
Toxaphene	ND		(0.49)	[0.970873]	ND		(0.49)	[0.980392]	ND		(0.5)	[0.995024]	ND		(0.5)	[0.995024]
alpha-BHC	0.01	PB	(0.0097)	[0.970873]	0.054		(0.0098)	[0.980392]	ND		(0.01)	[0.995024]	ND		(0.01)	[0.995024]
beta-BHC	0.0057	PJB	(0.0097)	[0.970873]	0.071		(0.0098)	[0.980392]	ND		(0.01)	[0.995024]	ND		(0.01)	[0.995024]
delta-BHC	ND		(0.0097)	[0.970873]	0.029		(0.0098)	[0.980392]	0.017	B	(0.01)	[0.995024]	0.0072	KJB	(0.01)	[0.995024]
gamma-BHC	ND		(0.0097)	[0.970873]	0.063		(0.0098)	[0.980392]	ND		(0.01)	[0.995024]	0.015	B	(0.01)	[0.995024]
SW8270 - Semivolatile Organics (ug/L)																
1,2,4-Trichlorobenzene	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
1,2-Dichlorobenzene	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
1,3-Dichlorobenzene	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
1,4-Dichlorobenzene	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2,4,5-Trichlorophenol	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2,4,6-Trichlorophenol	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2,4-Dichlorophenol	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2,4-Dimethylphenol	ND		(10)	[1.020408]	60		(50)	[4.950495]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2,4-Dinitrophenol	ND		(51)	[1.020408]	ND		(50)	[0.990099]	ND		(49)	[0.985221]	ND		(50)	[1]
2,4-Dinitrotoluene	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2,6-Dinitrotoluene	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2-Chloronaphthalene	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2-Chlorophenol	ND		(10)	[1.020408]	ND		(9.9)	[0.990099]	ND		(9.9)	[0.985221]	ND		(10)	[1]
2-Methylnaphthalene	ND		(10)	[1.020408]	420		(50)	[4.950495]	ND		(9.9)	[0.985221]	ND		(10)	[1]

Compiled: 23 May 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	05 05-MW-12 05-MW-12-01	05 05-MW-12 05-MW-12-01	05 05-MW-12 05-MW-12-01	05 05-MW-12 05-MW-12-01	05 05-MW-12 05-MW-12-01	05 05-MW-12 05-MW-12-01
2-Methylphenol(o-cresol)	ND	(10) [1.020408]	170	(50) [4.950495]	ND	(9.9) [0.985221] ND (10)
2-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221] ND (50)
2-Nitrophenol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
3,3'-Dichlorobenzidine	ND	(20) [1.020408]	ND	(20) [0.990099]	ND	(20) [0.985221] ND (20)
3-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221] ND (50)
4,6-Dinitro-2-methylphenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221] ND (50)
4-Bromophenyl phenyl ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
4-Chloro-3-methylphenol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
4-Chlorophenyl phenyl ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
4-Methylphenol(p-cresol)	ND	(10) [1.020408]	300	(50) [4.950495]	ND	(9.9) [0.985221] ND (10)
4-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221] ND (50)
4-Nitrophenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221] ND (50)
Acenaphthene	ND	(10) [1.020408]	2.3 J	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Acenaphthylene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Benzo(a)anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Benzo(a)pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Benzo(b)fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Benzo(g,h,i)perylene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Benzo(k)fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Benzoic acid	ND	(51) [1.020408]	41 J	(50) [0.990099]	1.5 J	(49) [0.985221] 1.9 J (50)
Benzyl alcohol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Butylbenzylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Chrysene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Di-n-octylphthalate	ND	(10) [1.020408]	0.59 J	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Dibenz(a,h)anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Dibenzofuran	ND	(10) [1.020408]	7.7 J	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Dibutylphthalate	ND	(10) [1.020408]	0.53 J	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Diethylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Dimethylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)
Fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221] ND (10)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	05				05			
	05-MW-12		05-MW-12		05-SW-01		05-SW-02	
	05-MW-12-01		05-MW-12-01		05-SW-01-01		05-SW-02-01	
	05-DS-09 Dup of 05-MW-12-01							
Fluorene	ND	(10) [1.020408]	6.2 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Hexachlorobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Hexachlorobutadiene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Hexachlorocyclopentadiene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Hexachloroethane	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Isophorone	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
N-Nitrosodiphenylamine	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
N-Nitrosodipropylamine	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Naphthalene	ND	(10) [1.020408]	370	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(10) [1]
Nitrobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Pentachlorophenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(50) [1]
Phenanthrene	ND	(10) [1.020408]	1.1 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
Phenol	ND	(10) [1.020408]	400	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(10) [1]
Pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
bis(2-Chloroethoxy)methane	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
bis(2-Chloroethyl) ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
bis(2-Chloroisopropyl) ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
bis(2-Ethylhexyl) phthalate	ND	(10) [1.020408]	200	(50) [4.950495]	1.8 JB	(9.9) [0.985221]	1.2 JB	(10) [1]
p-Chloroaniline	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	05	05	05	06	06	
	05-SW-03	05-SW-03	05-SW-03	06-MW-01	06-MW-02	
	05-SW-03-01	05-SW-03-01	05-SW-03-01	06-MW-01-01	06-MW-02-01	
			05-DS-07 Dup of 05-SW-03-01			
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	13000	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		06		06	
	05-SW-03	05-SW-03	05-SW-03	06-MW-01	06-MW-02	06-MW-02-01
	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01		06-MW-01-01		
cis-1,3-Dichloropropene	ND	[1]	ND	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	[1]	ND	(0.25)	[1]	ND
trans-1,3-Dichloropropene	ND	[1]	ND	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND	[1]	ND	(2000)	[1]	ND
Ethyl ether	ND	[1]	ND	(10000)	[1]	ND
Methyl ethyl ketone	ND	[1]	ND	(3000)	[1]	ND
Methyl isobutyl ketone	ND	[1]	ND	(2000)	[1]	ND
SW8015MEP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	ND	[0.96]	ND	(200)	[0.98]	ND
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND	[1]	ND	(0.4)	[1]	ND
1,3-Dichlorobenzene	ND	[1]	ND	(0.2)	[1]	ND
1,4-Dichlorobenzene	ND	[1]	ND	(0.4)	[1]	ND
Benzene	ND	[1]	ND	(0.3)	[1]	ND
Chlorobenzene	ND	[1]	ND	(0.2)	[1]	ND
Ethylbenzene	ND	[1]	ND	(0.2)	[1]	ND
Gasoline Range Organics (2)	ND	[1]	ND	(100)	[1]	14000
Toluene	ND	[1]	ND	(0.2)	[1]	ND
Total xylenes	ND	[1]	ND	(0.3)	[1]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	[0.952380]	ND	(0.0095)	[0.952380]	0.11
4,4'-DDE	ND	[0.952380]	ND	(0.0095)	[0.952380]	0.16
4,4'-DDT	0.003 PJB	[0.952380]	0.0021 PJB	(0.019)	[0.952380]	0.56
Aldrin	0.0046 PJB	[0.952380]	0.0051 PJB	(0.0095)	[0.952380]	ND
Chlordane	ND	[0.952380]	ND	(0.048)	[0.952380]	ND
Dieldrin	0.0071 JB	[0.952380]	0.0073 JB	(0.0095)	[0.952380]	ND
Endosulfan I	0.0066 KJB	[0.952380]	0.0024 KJB	(0.0095)	[0.952380]	ND
Endosulfan II	0.017 JB	[0.952380]	0.018 JB	(0.029)	[0.952380]	0.0043 KJB
Endosulfan Sulfate	0.043 KJ	[0.952380]	0.033 KJB	(0.048)	[0.952380]	ND
Endrin	ND	[0.952380]	ND	(0.0095)	[0.952380]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					LOCATION ID				
	SAMPLE ID					SAMPLE ID				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05-DS-07 Dup of 05-SW-03-01									
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				
	05-SW-03-01					06-MW-01-01				
	05					06				
	05-SW-03					06-MW-01				

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	05		06		06		06	
	05-SW-03	05-SW-03-01	05-SW-03	05-SW-03 Dup of 05-SW-03-01	06-MW-01	06-MW-01-01	06-MW-02	06-MW-02-01
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
2-Methylphenol (o-cresol)	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
2-Nitroaniline	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
2-Nitrophenol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
3,3'-Dichlorobenzidine	ND	(19) [0.956937]	ND	(19) [0.961538]	ND	(20) [0.980392]	ND	(20)
3-Nitroaniline	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
4,6-Dinitro-2-methylphenol	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
4-Bromophenyl phenyl ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Chloro-3-methylphenol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Chlorophenyl phenyl ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Methylphenol (p-cresol)	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
4-Nitroaniline	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
4-Nitrophenol	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
Acenaphthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Acenaphthylene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Anthracene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(a)anthracene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(a)pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(b)fluoranthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(g,h,i)perylene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzo(k)fluoranthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Benzoic acid	1.8 J	(48) [0.956937]	1.9 J	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)
Benzyl alcohol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Butylbenzylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Chrysene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Di-n-octylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Dibenz(a,h)anthracene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Dibenzofuran	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Dibutylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Diethylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Dimethylphthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)
Fluoranthene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05			06		
	05-SW-03	05-SW-03-01	05-SW-03	06-MW-01	06-MW-02	06-MW-02-01
			05-DS-07 Dup of 05-SW-03-01	06-MW-01-01		
Fluorene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Hexachlorobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Hexachlorobutadiene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Hexachlorocyclopentadiene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Hexachloroethane	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Indeno(1,2,3-cd)pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Isophorone	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
N-Nitrosodiphenylamine	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
N-Nitrosodipropylamine	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Naphthalene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Nitrobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Pentachlorophenol	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]
Phenanthrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Phenol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
Pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
bis(2-Chloroethoxy)methane	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
bis(2-Chloroethyl) ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
bis(2-Chloroisopropyl) ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]
bis(2-Ethylhexyl) phthalate	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	7.5 JB	(9.8) [0.980392]
p-Chloroaniline	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	06 06-MW-03 06-MW-03-01	06 06-MW-03 06-DS-08 Dup of 06-MW-03-01	06 06-MW-04 06-MW-04-01	06 06-MW-06 06-MW-06-01		
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				06			
	LOCATION ID		SAMPLE ID		06		06	
					06-MW-03		06-MW-04	
	06-MW-03	06-MW-03-01	06-MW-03 Dup of 06-MW-03-01	06-MW-04-01	06-MW-06	06-MW-06-01	06-MW-06	06-MW-06-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)								
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
SW8015MEP - Nonhalogenated Volatile Organics (ug/L)								
Diesel Range Organics (2)	ND	(200)	[1.01]	ND	(200)	[1]	2900	(410)
SW8020 - Aromatic Volatile Organics (ug/L)								
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(10)
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(5)
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	25 P	(10)
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	510	(7.5)
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(5)
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	250	(5)
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	12000	(2500)
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	320	(5)
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	970	(7.5)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)								
4,4'-DDD	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)
4,4'-DDE	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)
4,4'-DDT	0.0083 KJB	(0.02)	[1.020408]	0.0078 KJB	(0.02)	[0.990099]	0.016 KJ	(0.02)
Aldrin	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.011 LB	(0.0099)
Chlordane	ND	(0.051)	[1.020408]	ND	(0.05)	[0.990099]	ND	(0.049)
Dieldrin	0.0081 JB	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)
Endosulfan I	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)
Endosulfan II	ND	(0.031)	[1.020408]	ND	(0.03)	[0.990099]	0.0016 KJB	(0.03)
Endosulfan Sulfate	0.012 KJB	(0.051)	[1.020408]	0.011 KJB	(0.05)	[0.990099]	ND	(0.049)
Endrin	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.011 B	(0.0099)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		06		06		06		06	
	06-MW-03		06-MW-03		06-MW-04		06-MW-04-01		06-MW-06		06-MW-06-01	
	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01
Endrin Aldehyde	0.0056 KJB	(0.02)	[1.020408]	0.0059 KJB	(0.02)	[0.990099]	0.0053 JB	(0.02)	[0.985221]	0.0078 KJB	(0.02)	[0.975609]
Heptachlor	ND	(0.01)	[1.020408]	0.0041 KJB	(0.0099)	[0.990099]	0.0086 PJB	(0.0099)	[0.985221]	ND	(0.0098)	[0.975609]
Heptachlor epoxide	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.0068 PJB	(0.0099)	[0.985221]	ND	(0.0098)	[0.975609]
Methoxychlor	ND	(0.051)	[1.020408]	ND	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	ND	(0.049)	[0.975609]
PCB-1016	ND	(0.1)	[1.020408]	ND	(0.099)	[0.990099]	ND	(0.099)	[0.985221]	ND	(0.098)	[0.975609]
PCB-1221	ND	(0.2)	[1.020408]	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.2)	[0.975609]
PCB-1232	ND	(0.2)	[1.020408]	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.2)	[0.975609]
PCB-1242	ND	(0.1)	[1.020408]	ND	(0.099)	[0.990099]	ND	(0.099)	[0.985221]	ND	(0.098)	[0.975609]
PCB-1248	ND	(0.1)	[1.020408]	ND	(0.099)	[0.990099]	ND	(0.099)	[0.985221]	ND	(0.098)	[0.975609]
PCB-1254	ND	(0.2)	[1.020408]	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.098)	[0.975609]
PCB-1260	ND	(0.2)	[1.020408]	ND	(0.2)	[0.990099]	ND	(0.2)	[0.985221]	ND	(0.2)	[0.975609]
Toxaphene	ND	(0.51)	[1.020408]	ND	(0.5)	[0.990099]	ND	(0.49)	[0.985221]	ND	(0.49)	[0.975609]
alpha-BHC	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	ND	(0.0098)	[0.975609]
beta-BHC	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.0012 PJB	(0.0099)	[0.985221]	0.071	(0.0098)	[0.975609]
delta-BHC	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.022 PB	(0.0099)	[0.985221]	0.0046 PJB	(0.0098)	[0.975609]
gamma-BHC	ND	(0.01)	[1.020408]	ND	(0.0099)	[0.990099]	0.025 PB	(0.0099)	[0.985221]	0.027 B	(0.0098)	[0.975609]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
1,2-Dichlorobenzene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
1,3-Dichlorobenzene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
1,4-Dichlorobenzene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2,4,5-Trichlorophenol	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2,4,6-Trichlorophenol	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2,4-Dichlorophenol	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2,4-Dimethylphenol	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2,4-Dinitrophenol	ND	(53)	[1.052631]	ND	(49)	[0.975609]	ND	(50)	[1.005025]	ND	(50)	[0.995024]
2,4-Dinitrotoluene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2,6-Dinitrotoluene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2-Chloronaphthalene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2-Chlorophenol	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	ND	(10)	[1.005025]	ND	(10)	[0.995024]
2-Methylnaphthalene	ND	(11)	[1.052631]	ND	(9.8)	[0.975609]	85	(10)	[1.005025]	ND	(10)	[0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	06 06-MW-03 06-MW-03-01	06 06-MW-03 06-DS-08 Dup of 06-MW-03-01	06 06-MW-04 06-MW-04-01	06 06-MW-06 06-MW-06-01		
2-Methylphenol(o-cresol)	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
2-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
2-Nitrophenol	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
3,3'-Dichlorobenzidine	ND	(21) [1.052631]	(20) [0.975609]	(20) [1.005025]	ND	(20) [0.995024]
3-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
4,6-Dinitro-2-methylphenol	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
4-Bromophenyl phenyl ether	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Chloro-3-methylphenol	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Chlorophenyl phenyl ether	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Methylphenol(p-cresol)	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
4-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
4-Nitrophenol	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
Acenaphthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Acenaphthylene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(a)anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(a)pyrene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(b)fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(g,h,i)perylene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzo(k)fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Benzoic acid	ND	(53) [1.052631]	(49) [0.975609]	(50) [1.005025]	ND	(50) [0.995024]
Benzyl alcohol	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	3.8 J	(10) [0.995024]
Butylbenzylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Chrysene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Di-n-octylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Dibenz(a,h)anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Dibenzofuran	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Diethylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Dimethylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]
Fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	(10) [1.005025]	ND	(10) [0.995024]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06		
	06-MW-03	06-MW-03	06-MW-03	06-MW-04	06-MW-06	06-MW-06		
	06-MW-03-01	06-DS-08 Dup of 06-MW-03-01	06-MW-03-01	06-MW-04-01	06-MW-06-01	06-MW-06-01		
Fluorene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	0.87 J	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorobutadiene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorocyclopentadiene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachloroethane	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Indeno(1,2,3-cd)pyrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Isophorone	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
N-Nitrosodiphenylamine	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
N-Nitrosodipropylamine	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Naphthalene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	160	(10) [1.005025]	0.69 J	(10) [0.995024]
Nitrobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Pentachlorophenol	ND	(53) [1.052631]	ND	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
Phenanthrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	0.69 J	(10) [0.995024]
Phenol	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Pyrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroethoxy)methane	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroethyl) ether	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroisopropyl) ether	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Ethylhexyl) phthalate	1.6 JB	(11) [1.052631]	1.7 JB	(9.8) [0.975609]	2.5 JB	(10) [1.005025]	3.1 JB	(10) [0.995024]
p-Chloroaniline	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	06	06	06	06	07	07
	06-SW-01	06-SW-01	06-SW-01	06-SW-02	07-MW-01	07-MW-01
	06-SW-01-01	06-SW-01-01	06-SW-01-01	06-SW-02-01	07-MW-01-01	07-MW-01-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(5)	[2]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(1.1)	[2]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.6)	[2]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.4)	[2]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(1)	[2]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(1.4)	[2]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(3.2)	[2]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.5)	[2]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.3)	[2]	0.42	(0.15)	[1]
1,2-Dichloropropane	ND	(0.3)	[2]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.64)	[2]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.5)	[2]	ND	(0.25)	[1]
1-Chlorohexane	ND	(6.8)	[2]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(1.2)	[2]	ND	(0.6)	[1]
Bromobenzene	ND	(3.2)	[2]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.2)	[2]	ND	(0.1)	[1]
Bromoform	ND	(1)	[2]	ND	(0.5)	[1]
Bromomethane	ND	(0.7)	[2]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.7)	[2]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.6)	[2]	ND	(0.3)	[1]
Chloroethane	ND	(1.4)	[2]	ND	(0.7)	[1]
Chloroform	ND	(0.3)	[2]	ND	(0.15)	[1]
Chloromethane	ND	(1)	[2]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.4)	[2]	ND	(0.2)	[1]
Dibromomethane	ND	(3.2)	[2]	ND	(1.6)	[1]
Methylene chloride	ND	(0.8)	[2]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.2)	[2]	ND	(0.1)	[1]
Trichloroethene	ND	(0.4)	[2]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(1.1)	[2]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.5)	[2]	ND	(0.25)	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	06			06			06			07		
	06-SW-01			06-SW-01			06-SW-02			07-MW-01		
	06-SW-01-01			06-DS-07 Dup of 06-SW-01-01			06-SW-02-01			07-MW-01-01		
Endrin Aldehyde	0.0071 KJB	(0.019)	[0.961538]	0.013 KJB	(0.019)	[0.956937]	0.0025 KJB	(0.019)	[0.952380]	0.0069 KJB	(0.02)	[0.980392]
Heptachlor	0.0098 B	(0.0096)	[0.961538]	0.0049 JB	(0.0096)	[0.956937]	0.0003 PJB	(0.0095)	[0.952380]	0.0049 KJB	(0.0098)	[0.980392]
Heptachlor epoxide	0.0064 PJB	(0.0096)	[0.961538]	0.017 B	(0.0096)	[0.956937]	0.43 P	(0.0095)	[0.952380]	0.0039 PJB	(0.0098)	[0.980392]
Methoxychlor	ND	(0.048)	[0.961538]	ND	(0.048)	[0.956937]	ND	(0.048)	[0.952380]	ND	(0.049)	[0.980392]
PCB-1016	ND	(0.096)	[0.961538]	ND	(0.096)	[0.956937]	ND	(0.095)	[0.952380]	ND	(0.098)	[0.980392]
PCB-1221	ND	(0.19)	[0.961538]	ND	(0.19)	[0.956937]	ND	(0.19)	[0.952380]	ND	(0.2)	[0.980392]
PCB-1232	ND	(0.19)	[0.961538]	ND	(0.19)	[0.956937]	ND	(0.19)	[0.952380]	ND	(0.2)	[0.980392]
PCB-1242	ND	(0.096)	[0.961538]	ND	(0.096)	[0.956937]	ND	(0.095)	[0.952380]	ND	(0.098)	[0.980392]
PCB-1248	ND	(0.096)	[0.961538]	ND	(0.096)	[0.956937]	ND	(0.095)	[0.952380]	ND	(0.098)	[0.980392]
PCB-1254	ND	(0.19)	[0.961538]	ND	(0.19)	[0.956937]	ND	(0.19)	[0.952380]	ND	(0.2)	[0.980392]
PCB-1260	ND	(0.19)	[0.961538]	ND	(0.19)	[0.956937]	ND	(0.19)	[0.952380]	ND	(0.2)	[0.980392]
Toxaphene	ND	(0.48)	[0.961538]	ND	(0.48)	[0.956937]	ND	(0.48)	[0.952380]	ND	(0.49)	[0.980392]
alpha-BHC	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.956937]	0.013 PB	(0.0095)	[0.952380]	ND	(0.0098)	[0.980392]
beta-BHC	0.027	(0.0096)	[0.961538]	ND	(0.0096)	[0.956937]	0.03	(0.0095)	[0.952380]	ND	(0.0098)	[0.980392]
delta-BHC	0.031	(0.0096)	[0.961538]	0.025	(0.0096)	[0.956937]	0.011 PB	(0.0095)	[0.952380]	0.017 B	(0.0098)	[0.980392]
gamma-BHC	ND	(0.0096)	[0.961538]	0.02 B	(0.0096)	[0.956937]	0.018 B	(0.0095)	[0.952380]	0.012 B	(0.0098)	[0.980392]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
1,2-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
1,3-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
1,4-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2,4,5-Trichlorophenol	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2,4,6-Trichlorophenol	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2,4-Dichlorophenol	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2,4-Dimethylphenol	ND	(49)	[0.980392]	ND	(50)	[1]	ND	(48)	[0.952380]	ND	(49)	[0.975609]
2,4-Dinitrophenol	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2,6-Dinitrotoluene	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2-Chloronaphthalene	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2-Chlorophenol	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(9.5)	[0.952380]	ND	(9.8)	[0.975609]
2-Methylnaphthalene	1.9 J	(9.8)	[0.980392]	1.3 J	(10)	[1]	70	(9.5)	[0.952380]	ND	(9.8)	[0.975609]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	06		06		07				
	06-SW-01		06-SW-01		07-MW-01				
	06-SW-01-01	06-DS-07 Dup of 06-SW-01-01	06-SW-01-01	06-SW-02	07-MW-01-01				
Fluorene	ND	(9.8) [0.980392]	ND	(10)	[1]	3.4 J	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachlorobenzene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachlorobutadiene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachlorocyclopentadiene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachloroethane	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Isophorone	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
N-Nitrosodiphenylamine	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
N-Nitrosodipropylamine	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Naphthalene	1.7 J	(9.8) [0.980392]	1.5 J	(10)	[1]	49	(9.5) [0.952380]	ND	(9.8) [0.975609]
Nitrobenzene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Pentachloropheno]	ND	(49) [0.980392]	ND	(50)	[1]	ND	(48) [0.952380]	ND	(49) [0.975609]
Phenanthrene	ND	(9.8) [0.980392]	ND	(10)	[1]	1.3 J	(9.5) [0.952380]	ND	(9.8) [0.975609]
Pheno]	ND	(9.8) [0.980392]	ND	(10)	[1]	53	(9.5) [0.952380]	ND	(9.8) [0.975609]
Pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	0.21 J	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Chloroethyl) ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Chloroisopropyl) ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Ethylhexyl) phthalate	1.1 JB	(9.8) [0.980392]	53	(10)	[1]	5 JB	(9.5) [0.952380]	3.5 JB	(9.8) [0.975609]
p-Chloroaniline	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	07	07	07	07	07	07
	07-MW-01	07-MW-02	07-MW-02	07-MW-02	07-MW-03	07-MW-03
	07-DS-09 Dup of 07-MW-01-01	07-MW-02-01	07-MW-02-01	07-DS-10 Dup of 07-MW-02-01	07-MW-03-01	07-MW-03-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 Mar 1995

() = Detection Limit

[] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				07			
	LOCATION ID		SAMPLE ID		07		07	
					07-MW-01		07-MW-02	
					07-DS-09 Dup of 07-MW-01-01	07-MW-02-01	07-DS-10 Dup of 07-MW-02-01	07-MW-03-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)								
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)								
Diesel Range Organics (2)	ND	(190)	[0.957]	ND	(190)	[0.966]	ND	(190)
SW8020 - Aromatic Volatile Organics (ug/L)								
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)								
4,4'-DDD	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)
4,4'-DDE	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)
4,4'-DDT	0.0009 PJB	(0.019)	[0.966183]	ND	(0.019)	[0.952380]	ND	(0.019)
Aldrin	0.012 B	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)
Chlordane	ND	(0.048)	[0.966183]	ND	(0.048)	[0.952380]	ND	(0.048)
Dieldrin	0.012	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	0.0069 KJB	(0.0096)
Endosulfan I	0.0046 KJB	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)
Endosulfan II	0.0024 KJB	(0.029)	[0.966183]	0.0022 KJB	(0.029)	[0.952380]	0.0015 KJB	(0.029)
Endosulfan Sulfate	0.012 KJB	(0.048)	[0.966183]	0.01 JB	(0.048)	[0.952380]	0.0098 JB	(0.048)
Endrin	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	07		07		07	
	07-DS-09 Dup of 07-MW-01-01	07-MW-02	07-MW-02-01	07-DS-10 Dup of 07-MW-02-01	07-MW-02	07-MW-03
	07-DS-09 Dup of 07-MW-01-01	07-MW-02	07-MW-02-01	07-DS-10 Dup of 07-MW-02-01	07-MW-02	07-MW-03
2-Methylphenol(o-cresol)	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
2-Nitroaniline	ND	(48) [0.966183]	ND	(48) [0.952380]	ND	(49) [0.970873]
2-Nitrophenol	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
3,3'-Dichlorobenzidine	ND	(19) [0.966183]	ND	(19) [0.952380]	ND	(19) [0.970873]
3-Nitroaniline	ND	(48) [0.966183]	ND	(48) [0.952380]	ND	(49) [0.970873]
4,6-Dinitro-2-methylphenol	ND	(48) [0.966183]	ND	(48) [0.952380]	ND	(49) [0.970873]
4-Bromophenyl phenyl ether	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
4-Chloro-3-methylphenol	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
4-Chlorophenyl phenyl ether	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
4-Methylphenol(p-cresol)	ND	(48) [0.966183]	ND	(48) [0.952380]	ND	(49) [0.970873]
4-Nitroaniline	ND	(48) [0.966183]	ND	(48) [0.952380]	ND	(49) [0.970873]
4-Nitrophenol	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Acenaphthene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Acenaphthylene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Anthracene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Benzo(a)anthracene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Benzo(a)pyrene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Benzo(b)fluoranthene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Benzo(g,h,i)perylene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Benzo(k)fluoranthene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Benzoic acid	ND	(48) [0.966183]	6.1 J	(48) [0.952380]	6.6 J	(49) [0.970873]
Benzyl alcohol	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Butylbenzylphthalate	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Chrysene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Di-n-octylphthalate	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Dibenz(a,h)anthracene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Dibenzofuran	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Dibutylphthalate	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Diethylphthalate	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Dimethylphthalate	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]
Fluoranthene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]	ND	(9.7) [0.970873]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	07	07	07	07	09	
	07-MW-04	07-SW-01	07-SW-02	09-MW-01	09-MW-01-01	
	07-MW-04-01	07-SW-01-01	07-SW-02-01			

SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	8.6	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	0.61 B	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	07		07		09	
	07-MW-04 07-MW-04-01	07-SW-01 07-SW-01-01	07-SW-02 07-SW-02-01	07-SW-02 07-SW-02-01	09-MW-01 09-MW-01-01	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	ND	(220)	[1.09]	2900	(400)	[0.971]
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[10]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[10]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[10]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[10]
Chlorobenzene	0.25	(0.2)	[1]	ND	(0.2)	[10]
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[10]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[10]
Toluene	ND	(0.2)	[1]	2.8	(0.2)	[10]
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[10]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	(0.01)	[1.020408]	0.34	(0.0095)	[0.952380]
4,4'-DDE	0.0097 KJB	(0.01)	[1.020408]	0.032	(0.0095)	[0.952380]
4,4'-DDT	ND	(0.02)	[1.020408]	0.004 PJB	(0.019)	[0.952380]
Aldrin	ND	(0.01)	[1.020408]	0.0015 PJB	(0.0095)	[0.952380]
Chlordane	ND	(0.051)	[1.020408]	ND	(0.048)	[0.952380]
Dieldrin	0.0074 KJB	(0.01)	[1.020408]	0.011	(0.0095)	[0.952380]
Endosulfan I	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]
Endosulfan II	0.013 KJB	(0.031)	[1.020408]	0.019 KJB	(0.029)	[0.952380]
Endosulfan Sulfate	0.0092 JB	(0.051)	[1.020408]	ND	(0.048)	[0.952380]
Endrin	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	07				07				09				
	07-MW-04		07-SW-01		07-SW-02		09-MW-01		07-SW-02-01		09-MW-01-01		
	07-MW-04-01		07-SW-01-01		07-SW-02-01		07-SW-02-01		09-MW-01-01		07-SW-02-01		09-MW-01-01

Endrin Aldehyde	0.0007 KJB	(0.02)	[1.020408]	0.0037 KJB	(0.019)	[0.952380]	0.0006 PJB	(0.019)	[0.952380]	0.0057 KJB	(0.019)	[0.961538]	
Heptachlor	ND	(0.01)	[1.020408]	0.0051 KJB	(0.0095)	[0.952380]	0.0081 KJB	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	
Heptachlor epoxide	ND	(0.01)	[1.020408]	0.0069 PJB	(0.0095)	[0.952380]	0.018 PB	(0.0095)	[0.952380]	0.0032 PJB	(0.0096)	[0.961538]	
Methoxychlor	ND	(0.051)	[1.020408]	0.0065 J	(0.048)	[0.952380]	0.036 J	(0.048)	[0.952380]	ND	(0.048)	[0.961538]	
PCB-1016	ND	(0.1)	[1.020408]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.096)	[0.961538]	
PCB-1221	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]	
PCB-1232	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]	
PCB-1242	ND	(0.1)	[1.020408]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.096)	[0.961538]	
PCB-1248	ND	(0.1)	[1.020408]	ND	(0.095)	[0.952380]	ND	(0.095)	[0.952380]	ND	(0.096)	[0.961538]	
PCB-1254	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]	
PCB-1260	ND	(0.2)	[1.020408]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.952380]	ND	(0.19)	[0.961538]	
Toxaphene	ND	(0.51)	[1.020408]	ND	(0.48)	[0.952380]	ND	(0.48)	[0.952380]	ND	(0.48)	[0.961538]	
alpha-BHC	0.0077 JB	(0.01)	[1.020408]	0.02	(0.0095)	[0.952380]	0.0058 PJB	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	
beta-BHC	ND	(0.01)	[1.020408]	0.0024 KJB	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	0.0055 KJB	(0.0096)	[0.961538]	
delta-BHC	ND	(0.01)	[1.020408]	0.02 PB	(0.0095)	[0.952380]	0.036 P	(0.0095)	[0.952380]	0.017 B	(0.0096)	[0.961538]	
gamma-BHC	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	0.012 B	(0.0096)	[0.961538]	

SW8270 - Semivolatile Organics (ug/L)													
1,2,4-Trichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
1,2-Dichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
1,3-Dichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
1,4-Dichlorobenzene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2,4,5-Trichlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2,4,6-Trichlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2,4-Dichlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2,4-Dimethylphenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2,4-Dinitrophenol	ND	(52)	[1.036269]	ND	(47)	[0.943396]	ND	(47)	[0.943396]	ND	(50)	[0.990099]	
2,4-Dinitrotoluene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2,6-Dinitrotoluene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2-Chloronaphthalene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2-Chlorophenol	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	
2-Methylnaphthalene	ND	(10)	[1.036269]	ND	(9.4)	[0.943396]	ND	(9.4)	[0.943396]	ND	(9.9)	[0.990099]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	07		07		09	
	07-MW-04	07-SW-01	07-SW-01	07-SW-02	09-MW-01	09-MW-01-01
	07-MW-04-01	07-SW-01-01	07-SW-01-01	07-SW-02-01		
2-Methylphenol (o-cresol)	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
2-Nitroaniline	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
2-Nitrophenol	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
3,3'-Dichlorobenzidine	ND	(21) [1.036269]	ND	(19) [0.943396]	ND	(20) [0.990099]
3-Nitroaniline	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
4,6-Dinitro-2-methylphenol	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
4-Bromophenyl phenyl ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
4-Chloro-3-methylphenol	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
4-Chlorophenyl phenyl ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
4-Methylphenol (p-cresol)	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
4-Nitroaniline	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
4-Nitrophenol	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
Acenaphthene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Acenaphthylene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Anthracene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Benzo(a)anthracene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Benzo(a)pyrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Benzo(b)fluoranthene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Benzo(g,h,i)perylene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Benzo(k)fluoranthene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Benzoic acid	4.3 J	(52) [1.036269]	8.7 J	(47) [0.943396]	1.5 J	(50) [0.990099]
Benzyl alcohol	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Butylbenzylphthalate	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Chrysene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Di-n-octylphthalate	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Dibenz(a,h)anthracene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Dibenzofuran	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Dibutylphthalate	ND	(10) [1.036269]	0.42 J	(9.4) [0.943396]	ND	(9.9) [0.990099]
Diethylphthalate	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Dimethylphthalate	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Fluoranthene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	07			09		
	07-MW-04	07-SW-01	07-SW-02	09-MW-01	09-MW-01-01	
	07-MW-04-01	07-SW-01-01	07-SW-02-01			
Fluorene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorobenzene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorobutadiene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorocyclopentadiene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachloroethane	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Isophorone	ND	(10) [1.036269]	1 J	(9.4) [0.943396]	ND	(9.9) [0.990099]
N-Nitrosodiphenylamine	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
N-Nitrosodipropylamine	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Naphthalene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Nitrobenzene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Pentachlorophenol	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
Phenanthrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Phenol	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Pyrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroethoxy)methane	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroethyl) ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroisopropyl) ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Ethylhexyl) phthalate	ND	(10) [1.036269]	0.72 JB	(9.4) [0.943396]	4.3 JB	(9.9) [0.990099]
p-Chloroaniline	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09				09			
	LOCATION ID				09-MW-01				09-MW-02			
	SAMPLE ID				09-MW-01-01				09-MW-02-01			
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	0.26 P	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		09		09		09		09	
	SAMPLE ID		09-MW-02		09-MW-03		09-MW-03-01		09-MW-03	
			09-DS-07 Dup of 09-MW-01-01		09-DS-08 Dup of 09-MW-03-01					
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)										
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
SW8015HEMP - Nonhalogenated Volatile Organics (ug/L)										
Diesel Range Organics (2)	ND	(200)	[0.980]	ND	(200)	[1]	ND	(210)	[1.03]	ND
SW8020 - Aromatic Volatile Organics (ug/L)										
1,2-Dichlorobenzene	ND	(2)	[5]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND
1,3-Dichlorobenzene	ND	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
1,4-Dichlorobenzene	ND	(2)	[5]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND
Benzene	57	(1.5)	[5]	0.79	(0.3)	[1]	ND	(0.3)	[1]	ND
Chlorobenzene	ND	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Ethylbenzene	6.1	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Gasoline Range Organics (2)	750	(500)	[5]	ND	(100)	[1]	ND	(100)	[1]	ND
Toluene	ND	(1)	[5]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Total xylenes	2.8	(1.5)	[5]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.0097)	[0.966183]	0.014 B	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA
4,4'-DDE	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA
4,4'-DDT	0.0086 KJB	(0.019)	[0.966183]	0.017 J	(0.02)	[0.995024]	ND	(0.02)	[1.005025]	NA
Aldrin	0.015 B	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA
Chlordane	ND	(0.048)	[0.966183]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]	NA
Dieldrin	0.0083 KJB	(0.0097)	[0.966183]	0.011	(0.01)	[0.995024]	0.0083 JB	(0.01)	[1.005025]	NA
Endosulfan I	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA
Endosulfan II	ND	(0.029)	[0.966183]	ND	(0.03)	[0.995024]	ND	(0.03)	[1.005025]	NA
Endosulfan Sulfate	0.0057 PJB	(0.048)	[0.966183]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]	NA
Endrin	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09				09			
	LOCATION ID				09-MW-01				09-MW-03			
	SAMPLE ID				09-DS-07 Dup of 09-MW-01-01				09-DS-08 Dup of 09-MW-03-01			
Endrin Aldehyde	0.0061 KJB	(0.019)	[0.966183]	0.0058 JB	(0.02)	[0.995024]	0.0048 KJB	(0.02)	[1.005025]	NA		
Heptachlor	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		
Heptachlor epoxide	0.0032 PJB	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	0.0094 KJB	(0.01)	[1.005025]	NA		
Methoxychlor	ND	(0.048)	[0.966183]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]	NA		
PCB-1016	ND	(0.097)	[0.966183]	ND	(0.1)	[0.995024]	ND	(0.1)	[1.005025]	NA		
PCB-1221	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		
PCB-1232	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		
PCB-1242	ND	(0.097)	[0.966183]	ND	(0.1)	[0.995024]	ND	(0.1)	[1.005025]	NA		
PCB-1248	ND	(0.097)	[0.966183]	ND	(0.1)	[0.995024]	ND	(0.1)	[1.005025]	NA		
PCB-1254	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		
PCB-1260	ND	(0.19)	[0.966183]	ND	(0.2)	[0.995024]	ND	(0.2)	[1.005025]	NA		
Toxaphene	ND	(0.48)	[0.966183]	ND	(0.5)	[0.995024]	ND	(0.5)	[1.005025]	NA		
alpha-BHC	ND	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		
beta-BHC	0.0054 KJB	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		
delta-BHC	0.017 B	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		
gamma-BHC	0.013 B	(0.0097)	[0.966183]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]	NA		
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
1,2-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
1,3-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
1,4-Dichlorobenzene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2,4,5-Trichloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2,4,6-Trichloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2,4-Dichloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2,4-Dimethylpheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2,4-Dinitrophenol	ND	(49)	[0.980392]	ND	(53)	[1.052631]	ND	(50)	[1]	ND	(48)	[0.961538]
2,4-Dinitrotoluene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2,6-Dinitrotoluene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2-Chloronaphthalene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2-Chloropheno	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]
2-Methylnaphthalene	ND	(9.8)	[0.980392]	ND	(11)	[1.052631]	ND	(10)	[1]	ND	(9.6)	[0.961538]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	09-MW-01	09-MW-02	09-MW-03	09-MW-03	09-MW-03	09-MW-03
	09-DS-07 Dup of 09-MW-01-01	09-MW-02-01	09-MW-03-01	09-MW-03-01	09-DS-08 Dup of 09-MW-03-01	
2-Methylphenol(o-cresol)	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
2-Nitroaniline	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
2-Nitrophenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
3,3'-Dichlorobenzidine	ND	(20) [0.980392]	ND	(21) [1.052631]	ND	(19) [0.961538]
3-Nitroaniline	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
4,6-Dinitro-2-methylphenol	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
4-Bromophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
4-Chloro-3-methylphenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
4-Chlorophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
4-Methylphenol(p-cresol)	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
4-Nitroaniline	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
4-Nitrophenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Acenaphthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Acenaphthylene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Anthracene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Benzo(a)anthracene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Benzo(a)pyrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Benzo(b)fluoranthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Benzo(g,h,i)perylene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Benzo(k)fluoranthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Benzoic acid	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
Benzyl alcohol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Butylbenzylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Chrysene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Di-n-octylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Dibenz(a,h)anthracene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Dibenzofuran	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Diethylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Diethylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Dimethylphthalate	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Fluoranthene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	09-MW-01	09-MW-02	09-MW-03	09-MW-03	09-MW-03	09-MW-03
	09-DS-07 Dup of 09-MW-01-01	09-MW-02-01	09-MW-03-01	09-MW-03-01	09-DS-08 Dup of 09-MW-03-01	
Fluorene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachlorobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachlorobutadiene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachlorocyclopentadiene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Hexachloroethane	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Isophorone	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
N-Nitrosodiphenylamine	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
N-Nitrosodipropylamine	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Naphthalene	0.79 J	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Nitrobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Pentachlorophenol	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(48) [0.961538]
Phenanthrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Phenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
Pyrene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Chloroethyl)ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Chloroisopropyl)ether	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]
bis(2-Ethylhexyl)phthalate	3.2 JB	(9.8) [0.980392]	2.3 JB	(11) [1.052631]	1.6 JB	(9.6) [0.961538]
p-Chloroaniline	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(9.6) [0.961538]

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	LOCATION ID SAMPLE ID	09-MW-04 09-MW-04-01	LOCATION ID SAMPLE ID	09-MW-05 09-MW-05-01	LOCATION ID SAMPLE ID	09-MW-06 09-MW-06-01

SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	09		09		09		09		09	
	09-MW-04		09-MW-05		09-MW-06		09-MW-07		09-MW-07-01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)										
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
SW8015EMP - Nonhalogenated Volatile Organics (ug/L)										
Diesel Range Organics (2)	ND	(200)	[0.990]	320	(200)	[1]	ND	(200)	[1.01]	ND
SW8020 - Aromatic Volatile Organics (ug/L)										
1,2-Dichlorobenzene	ND	(0.4)	[1]	0.58	(0.4)	[1]	ND	(0.4)	[1]	ND
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	2.5
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	0.46
Gasoline Range Organics (2)	110	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]	ND
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	0.39 B	(0.2)	[1]	6
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	2
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.0097)	[0.970873]	0.023 B	(0.01)	[1.010101]	0.028	(0.01)	[1.020408]	ND
4,4'-DDE	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.017	(0.01)	[1.020408]	ND
4,4'-DDT	0.0097 KJB	(0.019)	[0.970873]	ND	(0.02)	[1.010101]	0.0033 PJB	(0.02)	[1.020408]	ND
Aldrin	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.013 B	(0.01)	[1.020408]	ND
Chlordane	ND	(0.049)	[0.970873]	ND	(0.051)	[1.010101]	ND	(0.051)	[1.020408]	ND
Dieldrin	0.0097	(0.0097)	[0.970873]	0.011	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	0.0083 KJB
Endosulfan I	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND
Endosulfan II	0.0003 KJB	(0.029)	[0.970873]	ND	(0.03)	[1.010101]	0.0007 KJB	(0.031)	[1.020408]	ND
Endosulfan Sulfate	0.0079 KJB	(0.049)	[0.970873]	0.02 KJB	(0.051)	[1.010101]	0.013 KJB	(0.051)	[1.020408]	ND
Endrin	0.015 B	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.018 B	(0.01)	[1.020408]	ND

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detectable NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	09				09				09			
	09-MW-04		09-MW-05		09-MW-06		09-MW-07		09-MW-06-01		09-MW-07-01	
Endrin Aldehyde	0.0075 KJB	(0.019)	[0.970873]	0.0002 PJB	(0.02)	[1.010101]	0.0092 KJB	(0.02)	[1.020408]	0.0046 KJB	(0.021)	[1.036269]
Heptachlor	0.0052 JB	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.0038 KJB	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
Heptachlor epoxide	0.0029 PJB	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.0039 JB	(0.01)	[1.020408]	0.0003 KJB	(0.01)	[1.036269]
Methoxychlor	ND	(0.049)	[0.970873]	ND	(0.051)	[1.010101]	ND	(0.051)	[1.020408]	ND	(0.052)	[1.036269]
PCB-1016	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1221	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1232	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1242	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1248	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1254	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1260	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
Toxaphene	ND	(0.49)	[0.970873]	ND	(0.51)	[1.010101]	ND	(0.51)	[1.020408]	ND	(0.52)	[1.036269]
alpha-BHC	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
beta-BHC	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
delta-BHC	0.016 PB	(0.0097)	[0.970873]	0.017 B	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
gamma-BHC	0.01 B	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,2-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,3-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,4-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4,5-Trichloropheno[	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4,6-Trichloropheno[	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dichloropheno[	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dimethylpheno[	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dinitrophenol	ND	(49)	[0.975609]	ND	(50)	[0.990099]	ND	(50)	[1]	ND	(49)	[0.980392]
2,4-Dinitrotoluene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,6-Dinitrotoluene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Chloronaphthalene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Chloropheno[	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Methylnaphthalene	ND	(9.8)	[0.975609]	0.17 J	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09 09-MW-04 09-MW-04-01	09 09-MW-05 09-MW-05-01	09 09-MW-06 09-MW-06-01	09 09-MW-07 09-MW-07-01		
2-Methylphenol (o-cresol)	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
2-Nitroaniline	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(49) [0.980392]
2-Nitrophenol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
3,3'-Dichlorobenzidine	ND	(20) [0.975609]	ND	(20) [0.990099]	ND	(20) [0.980392]
3-Nitroaniline	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(49) [0.980392]
4,6-Dinitro-2-methylphenol	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(49) [0.980392]
4-Bromophenyl phenyl ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
4-Chloro-3-methylphenol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
4-Chlorophenyl phenyl ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
4-Methylphenol (p-cresol)	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
4-Nitroaniline	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(49) [0.980392]
4-Nitrophenol	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(49) [0.980392]
Acenaphthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Acenaphthylene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Anthracene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Benzo(a)anthracene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Benzo(a)pyrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Benzo(b)fluoranthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Benzo(g,h,i)perylene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Benzo(k)fluoranthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Benzoic acid	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(49) [0.980392]
Benzyl alcohol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Butylbenzylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Chrysene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Di-n-octylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Dibenz(a,h)anthracene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Dibenzofuran	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Dibutylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Diethylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Dimethylphthalate	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]
Fluoranthene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	09-MW-04	09-MW-05	09-MW-06	09-MW-07	09-MW-01	09-MW-02
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
Fluorene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Hexachlorobenzene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Hexachlorobutadiene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Hexachlorocyclopentadiene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Hexachloroethane	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Isophorone	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
N-Nitrosodiphenylamine	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
N-Nitrosodipropylamine	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Naphthalene	ND	(9.8) [0.975609]	0.58 J	(9.9) [0.990099]	ND	(10) [0.980392]
Nitrobenzene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Pentachlorophenol	ND	(49) [0.975609]	ND	(50) [0.990099]	ND	(49) [0.980392]
Phenanthrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Phenol	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
Pyrene	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
bis(2-Chloroethyl)ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
bis(2-Chloroisopropyl)ether	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]
bis(2-Ethylhexyl)phthalate	2.1 JB	(9.8) [0.975609]	15 B	(9.9) [0.990099]	13 B	1.1 JB
p-Chloroaniline	ND	(9.8) [0.975609]	ND	(9.9) [0.990099]	ND	(10) [0.980392]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	09-MW-08	09-MW-08-01	09-MW-10	09-MW-10-01	09-MW-11	09-MW-12
					09-MW-11-01	09-MW-12-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	0.79
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	0.5
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	ND
1,2-Dichlorobenzene	5	(0.25)	[1]	3.1	(0.25)	2.4
1,2-Dichloroethane	0.68	(0.15)	[1]	5.2	(0.15)	3.1
1,2-Dichloropropane	ND	(0.15)	[1]	0.25	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	ND
1,4-Dichlorobenzene	1.3	(0.25)	[1]	1.4	(0.25)	ND
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	ND
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	ND
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	ND
Bromoform	ND	(0.5)	[1]	ND	(0.5)	ND
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	ND
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	ND
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	ND
Chloroform	ND	(0.15)	[1]	ND	(0.15)	ND
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	ND
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	ND
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	ND
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	ND
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	ND
Trichloroethene	0.26	(0.2)	[1]	1.9	(0.2)	2.6
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	ND
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	ND

Compiled: 23 May 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-08	09-MW-10	09-MW-11	09-MW-12	09-MW-11-01	09-MW-12-01
	09-MW-08-01	09-MW-10-01	09-MW-11-01	09-MW-12-01	09-MW-11-01	09-MW-12-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	6200	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	95000	(20000)	[100]	14000	(2000)	[10.1]
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	5800	(400)	[1000]	7100	(200)	[500]
1,3-Dichlorobenzene	3800	(200)	[1000]	1900	(100)	[500]
1,4-Dichlorobenzene	1400 P	(400)	[1000]	1000 P	(200)	[500]
Benzene	340	(300)	[1000]	6100	(150)	[500]
Chlorobenzene	280	(200)	[1000]	140 P	(100)	[500]
Ethylbenzene	210	(200)	[1000]	2100	(100)	[500]
Gasoline Range Organics (2)	160000	(100000)	[1000]	480000	(50000)	[500]
Toluene	ND	(200)	[1000]	7900	(100)	[500]
Total xylenes	810	(300)	[1000]	9900	(150)	[500]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	(0.05)	[4.975124]	0.016 PB	(0.0099)	[0.985221]
4,4'-DDE	ND	(0.05)	[4.975124]	0.0091 KJB	(0.0099)	[0.985221]
4,4'-DDT	ND	(0.1)	[4.975124]	ND	(0.02)	[0.985221]
Aldrin	ND	(0.05)	[4.975124]	ND	(0.0099)	[0.985221]
Chlordane	ND	(0.25)	[4.975124]	ND	(0.049)	[0.985221]
Dieldrin	0.046 KJ	(0.05)	[4.975124]	ND	(0.0099)	[0.985221]
Endosulfan I	ND	(0.05)	[4.975124]	ND	(0.0099)	[0.985221]
Endosulfan II	0.0053 PJB	(0.15)	[4.975124]	0.0004 KJB	(0.03)	[0.985221]
Endosulfan Sulfate	0.062 KJ	(0.25)	[4.975124]	ND	(0.049)	[0.985221]
Endrin	ND	(0.05)	[4.975124]	ND	(0.0099)	[0.985221]
				0.0088 KJB	(0.0097)	[0.970873]
				0.053	(0.051)	[5.128205]
				0.088	(0.051)	[5.128205]
				ND	(0.051)	[5.128205]
				ND	(0.1)	[5.128205]
				0.053	(0.051)	[5.128205]
				ND	(0.26)	[5.128205]
				ND	(0.051)	[5.128205]
				ND	(0.051)	[5.128205]
				ND	(0.15)	[5.128205]
				0.069 KJ	(0.26)	[5.128205]
				0.053	(0.051)	[5.128205]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	09		09		09		09		09	
	09-MW-08 09-MW-08-01		09-MW-10 09-MW-10-01		09-MW-11 09-MW-11-01		09-MW-12 09-MW-12-01			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
Endrin Aldehyde	0.027 KJ	(0.1) [4.975124]	0.014 KJB	(0.02) [0.985221]	ND	(0.019) [0.970873]	0.021 JB	(0.1) [5.128205]		
Heptachlor	0.042 PJ	(0.05) [4.975124]	ND	(0.0099) [0.985221]	0.0097 PB	(0.0097) [0.970873]	0.048 PJ	(0.051) [5.128205]		
Heptachlor epoxide	0.027 JB	(0.05) [4.975124]	ND	(0.0099) [0.985221]	ND	(0.0097) [0.970873]	0.026 PJB	(0.051) [5.128205]		
Methoxychlor	ND	(0.25) [4.975124]	ND	(0.049) [0.985221]	ND	(0.049) [0.970873]	ND	(0.26) [5.128205]		
PCB-1016	ND	(0.5) [4.975124]	ND	(0.099) [0.985221]	ND	(0.097) [0.970873]	ND	(0.51) [5.128205]		
PCB-1221	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]		
PCB-1232	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]		
PCB-1242	ND	(0.5) [4.975124]	ND	(0.099) [0.985221]	ND	(0.097) [0.970873]	ND	(0.51) [5.128205]		
PCB-1248	ND	(0.5) [4.975124]	ND	(0.099) [0.985221]	ND	(0.097) [0.970873]	ND	(0.51) [5.128205]		
PCB-1254	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]		
PCB-1260	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]		
Toxaphene	ND	(2.5) [4.975124]	ND	(0.49) [0.985221]	ND	(0.49) [0.970873]	ND	(2.6) [5.128205]		
alpha-BHC	ND	(0.05) [4.975124]	0.053	(0.0099) [0.985221]	0.013 PB	(0.0097) [0.970873]	0.19	(0.051) [5.128205]		
beta-BHC	0.019 PJ	(0.05) [4.975124]	ND	(0.0099) [0.985221]	ND	(0.0097) [0.970873]	0.15	(0.051) [5.128205]		
delta-BHC	ND	(0.05) [4.975124]	0.012 PB	(0.0099) [0.985221]	0.0037 PJB	(0.0097) [0.970873]	0.17	(0.051) [5.128205]		
gamma-BHC	0.21 P	(0.05) [4.975124]	0.016 B	(0.0099) [0.985221]	0.0034 PJB	(0.0097) [0.970873]	0.18	(0.051) [5.128205]		
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
1,2-Dichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
1,3-Dichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
1,4-Dichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2,4,5-Trichloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2,4,6-Trichloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2,4-Dichloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2,4-Dimethylpheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2,4-Dinitrophenol	ND	(520) [10.36269]	ND	(490) [9.852216]	ND	(49) [0.980392]	ND	(500) [9.90099]		
2,4-Dinitrotoluene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2,6-Dinitrotoluene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2-Chloronaphthalene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2-Chloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]		
2-Methylnaphthalene	2500	(210) [20.72538]	1500	(99) [9.852216]	48	(9.8) [0.980392]	630	(99) [9.90099]		

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			LOCATION ID		
	SAMPLE ID			SAMPLE ID		
	09 09-MW-08 09-MW-08-01	09 09-MW-10 09-MW-10-01	09 09-MW-11 09-MW-11-01	09 09-MW-12 09-MW-12-01		
2-Methylphenol(o-cresol)	ND	(100) [10.36269]	110 (99) [9.852216]	21 (9.8) [0.980392]	21 J (99) [9.90099]	(99) [9.90099]
2-Nitroaniline	ND	(520) [10.36269]	ND (490) [9.852216]	ND (49) [0.980392]	ND (500) [9.90099]	(500) [9.90099]
2-Nitrophenol	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
3,3'-Dichlorobenzidine	ND	(210) [10.36269]	ND (200) [9.852216]	ND (20) [0.980392]	ND (200) [9.90099]	(200) [9.90099]
3-Nitroaniline	ND	(520) [10.36269]	ND (490) [9.852216]	ND (49) [0.980392]	ND (500) [9.90099]	(500) [9.90099]
4,6-Dinitro-2-methylphenol	ND	(520) [10.36269]	ND (490) [9.852216]	ND (49) [0.980392]	ND (500) [9.90099]	(500) [9.90099]
4-Bromophenyl phenyl ether	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
4-Chloro-3-methylphenol	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
4-Chlorophenyl phenyl ether	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
4-Methylphenol(p-cresol)	ND	(100) [10.36269]	160 (99) [9.852216]	ND (9.8) [0.980392]	39 J (99) [9.90099]	(99) [9.90099]
4-Nitroaniline	ND	(520) [10.36269]	ND (490) [9.852216]	ND (49) [0.980392]	ND (500) [9.90099]	(500) [9.90099]
4-Nitrophenol	ND	(520) [10.36269]	ND (490) [9.852216]	ND (49) [0.980392]	ND (500) [9.90099]	(500) [9.90099]
Acenaphthene	20 J	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Acenaphthylene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Anthracene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Benzo(a)anthracene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Benzo(a)pyrene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Benzo(b)fluoranthene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Benzo(g,h,i)perylene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Benzo(k)fluoranthene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Benzoic acid	ND	(520) [10.36269]	1100 (490) [9.852216]	410 J (490) [9.803921]	ND (500) [9.90099]	(500) [9.90099]
Benzyl alcohol	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Butylbenzylphthalate	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Chrysene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Di-n-octylphthalate	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Dibenz(a,h)anthracene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Dibenzofuran	15 J	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Dibutylphthalate	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Diethylphthalate	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Dimethylphthalate	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]
Fluoranthene	ND	(100) [10.36269]	ND (99) [9.852216]	ND (9.8) [0.980392]	ND (99) [9.90099]	(99) [9.90099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID											
	09				09				09							
	09-MW-08				09-MW-10				09-MW-11				09-MW-12			
	09-MW-08-01				09-MW-10-01				09-MW-11-01				09-MW-12-01			

Fluorene	36 J	(100)	[10.36269]	33 J	(99)	[9.852216]	1.6 J	(99)	[0.980392]	8.6 J	(99)	[9.90099]				
Hexachlorobenzene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
Hexachlorobutadiene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
Hexachlorocyclopentadiene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
Hexachloroethane	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
Indeno(1,2,3-cd)pyrene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
Isophorone	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
N-Nitrosodiphenylamine	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
N-Nitrosodipropylamine	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
Naphthalene	1300	(100)	[10.36269]	1100	(99)	[9.852216]	60	(99)	[0.980392]	560	(99)	[9.90099]				
Nitrobenzene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
Pentachlorophenol	ND	(520)	[10.36269]	ND	(490)	[9.852216]	ND	(49)	[0.980392]	ND	(500)	[9.90099]				
Phenanthrene	24 J	(100)	[10.36269]	13 J	(99)	[9.852216]	2.6 J	(99)	[0.980392]	4.3 J	(99)	[9.90099]				
Phenol	18 J	(100)	[10.36269]	160	(99)	[9.852216]	43	(99)	[0.980392]	61 J	(99)	[9.90099]				
Pyrene	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
bis(2-Chloroethoxy)methane	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
bis(2-Chloroethyl) ether	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
bis(2-Chloroisopropyl) ether	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				
bis(2-Ethylhexyl) phthalate	ND	(100)	[10.36269]	11 JB	(99)	[9.852216]	1.3 JB	(99)	[0.980392]	ND	(99)	[9.90099]				
p-Chloroaniline	ND	(100)	[10.36269]	ND	(99)	[9.852216]	ND	(99)	[0.980392]	ND	(99)	[9.90099]				

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		09		10	
	SAMPLE ID		09-MW-14		10-MW-01	
			09-DS-10 Dup of 09-MW-14-01		10-MW-01-02	
			09-MW-14-01		10-MW-02-02	
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	NA	ND	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	NA	ND	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	NA	ND	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.2)	NA	ND	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	NA	ND	(0.5)	ND
1,1-Dichloroethene	ND	(0.7)	NA	ND	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	NA	ND	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.25)	NA	ND	(0.25)	ND
1,2-Dichloroethane	ND	(0.15)	NA	ND	(0.15)	ND
1,2-Dichloropropane	ND	(0.15)	NA	ND	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	NA	ND	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.25)	NA	ND	(0.25)	ND
1-Chlorohexane	ND	(3.4)	NA	ND	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	NA	ND	(0.6)	ND
Bromobenzene	ND	(1.6)	NA	ND	(1.6)	ND
Bromodichloromethane	ND	(0.1)	NA	ND	(0.1)	ND
Bromoform	ND	(0.5)	NA	ND	(0.5)	ND
Bromomethane	ND	(0.35)	NA	ND	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	NA	ND	(0.35)	ND
Chlorobenzene	ND	(0.3)	NA	ND	(0.3)	ND
Chloroethane	ND	(0.7)	NA	ND	(0.7)	ND
Chloroform	ND	(0.15)	NA	ND	(0.15)	ND
Chloromethane	ND	(0.5)	NA	ND	(0.5)	ND
Dibromochloromethane	ND	(0.2)	NA	ND	(0.2)	ND
Dibromomethane	ND	(1.6)	NA	ND	(1.6)	ND
Methylene chloride	ND	(0.4)	NA	ND	(0.4)	ND
Tetrachloroethane	ND	(0.1)	NA	ND	(0.1)	ND
Trichloroethene	ND	(0.2)	NA	0.27	(0.2)	0.8
Trichlorofluoromethane	ND	(0.55)	NA	ND	(0.55)	ND
Vinyl chloride	ND	(0.25)	NA	ND	(0.25)	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		10	
	LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID	
	09-MW-14		09-MW-14		10-MW-02	
	09-MW-14-01		09-MW-14 Dup of 09-MW-14-01		10-MW-01-02	
Endrin Aldehyde	0.01 KJB	(0.02) [1.010101]	ND	(0.02) [0.990099]	0.0064 KJB	(0.021) [1.025641]
Heptachlor	0.0082 KJB	(0.01) [1.010101]	0.0075 KJB	(0.0099) [0.990099]	ND	(0.01) [1.025641]
Heptachlor epoxide	0.0079 JB	(0.01) [1.010101]	0.0068 JB	(0.0099) [0.990099]	ND	(0.01) [1.025641]
Methoxychlor	ND	(0.051) [1.010101]	ND	(0.05) [0.990099]	ND	(0.051) [1.025641]
PCB-1016	ND	(0.1) [1.010101]	ND	(0.099) [0.990099]	ND	(0.1) [1.025641]
PCB-1221	ND	(0.2) [1.010101]	ND	(0.2) [0.990099]	ND	(0.21) [1.025641]
PCB-1232	ND	(0.2) [1.010101]	ND	(0.2) [0.990099]	ND	(0.21) [1.025641]
PCB-1242	ND	(0.1) [1.010101]	ND	(0.099) [0.990099]	ND	(0.1) [1.025641]
PCB-1248	ND	(0.1) [1.010101]	ND	(0.099) [0.990099]	ND	(0.1) [1.025641]
PCB-1254	ND	(0.2) [1.010101]	ND	(0.2) [0.990099]	ND	(0.21) [1.025641]
PCB-1260	ND	(0.2) [1.010101]	ND	(0.2) [0.990099]	ND	(0.21) [1.025641]
Toxaphene	ND	(0.51) [1.010101]	ND	(0.5) [0.990099]	ND	(0.51) [1.025641]
alpha-BHC	ND	(0.01) [1.010101]	ND	(0.0099) [0.990099]	ND	(0.01) [1.025641]
beta-BHC	0.022	(0.01) [1.010101]	0.025	(0.0099) [0.990099]	0.038	(0.01) [1.025641]
delta-BHC	ND	(0.01) [1.010101]	0.023	(0.0099) [0.990099]	ND	(0.01) [1.025641]
gamma-BHC	ND	(0.01) [1.010101]	ND	(0.0099) [0.990099]	ND	(0.01) [1.025641]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
1,2-Dichlorobenzene	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
1,3-Dichlorobenzene	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
1,4-Dichlorobenzene	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2,4,5-Trichlorophenol	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2,4,6-Trichlorophenol	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2,4-Dichlorophenol	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2,4-Dimethylphenol	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2,4-Dinitrophenol	ND	(51) [1.020408]	NA		ND	(51) [1.010101]
2,4-Dinitrotoluene	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2,6-Dinitrotoluene	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2-Chloronaphthalene	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2-Chlorophenol	ND	(10) [1.020408]	NA		ND	(10) [1.010101]
2-Methylnaphthalene	ND	(10) [1.020408]	NA		46	(10) [1.010101]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	09	09	09	10	10
	09-MW-14	09-MW-14	09-MW-14	10-MW-01	10-MW-02
	09-MW-14-01	09-DS-10 Dup of 09-MW-14-01	09-MW-14-01	10-MW-01-02	10-MW-02-02
Fluorene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Hexachlorobenzene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Hexachlorobutadiene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Hexachlorocyclopentadiene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Hexachloroethane	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Indeno(1,2,3-cd)pyrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Isophorone	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
N-Nitrosodiphenylamine	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
N-Nitrosodipropylamine	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Naphthalene	ND	(10) [1.020408]	NA	(10) [1.010101]	85
Nitrobenzene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Pentachlorophenol	ND	(51) [1.020408]	NA	(51) [1.010101]	ND
Phenanthrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
Phenol	ND	(10) [1.020408]	NA	(10) [1.010101]	20
Pyrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
bis(2-Chloroethoxy)methane	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
bis(2-Chloroethyl)ether	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
bis(2-Chloroisopropyl)ether	ND	(10) [1.020408]	NA	(10) [1.010101]	ND
bis(2-Ethylhexyl)phthalate	ND	(10) [1.020408]	NA	(10) [1.010101]	1.2 JB
p-Chloroaniline	ND	(10) [1.020408]	NA	(10) [1.010101]	ND

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		11	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-02	10-MW-03	11-MW-01	11-MW-02
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01	11-MW-02-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	NA	ND	[1]	ND
1,1,1-Trichloroethane	NA	ND	[1]	ND
1,1,2,2-Tetrachloroethane	NA	ND	[1]	ND
1,1,2-Trichloroethane	NA	ND	[1]	ND
1,1-Dichloroethane	NA	ND	[1]	ND
1,1-Dichloroethene	NA	ND	[1]	ND
1,2,3-Trichloropropane	NA	ND	[1]	ND
1,2-Dichlorobenzene	NA	ND	[1]	ND
1,2-Dichloroethane	NA	ND	[1]	ND
1,2-Dichloropropane	NA	ND	[1]	ND
1,3-Dichlorobenzene	NA	ND	[1]	ND
1,4-Dichlorobenzene	NA	ND	[1]	ND
1-Chlorohexane	NA	ND	[1]	ND
2-Chloroethylvinylether	NA	ND	[1]	ND
Bromobenzene	NA	ND	[1]	ND
Bromodichloromethane	NA	ND	[1]	ND
Bromoform	NA	ND	[1]	ND
Bromomethane	NA	ND	[1]	ND
Carbon tetrachloride	NA	ND	[1]	ND
Chlorobenzene	NA	ND	[1]	ND
Chloroethane	NA	ND	[1]	ND
Chloroform	NA	ND	[1]	ND
Chloromethane	NA	ND	[1]	ND
Dibromochloromethane	NA	ND	[1]	ND
Dibromomethane	NA	ND	[1]	ND
Methylene chloride	NA	ND	[1]	ND
Tetrachloroethene	NA	ND	[1]	ND
Trichloroethene	NA	ND	[1]	ND
Trichlorofluoromethane	NA	ND	[1]	ND
Vinyl chloride	NA	ND	[1]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10			11		
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	10-MW-02	10-MW-03	10-MW-01	11-MW-02	11-MW-01	11-MW-02-01
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01			
cis-1,3-Dichloropropene	NA	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)	[1] (0.2)
trans-1,2-Dichloroethene	NA	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	[1] (0.25)
trans-1,3-Dichloropropene	NA	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)	[1] (0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND (2000)	ND (2000)	ND (2000)	ND (2000)	ND (2000)	[1] (2000)
Ethyl ether	ND (10000)	ND (10000)	ND (10000)	ND (10000)	ND (10000)	[1] (10000)
Methyl ethyl ketone	ND (3000)	ND (3000)	ND (3000)	ND (3000)	ND (3000)	[1] (3000)
Methyl isobutyl ketone	ND (2000)	ND (2000)	ND (2000)	ND (2000)	ND (2000)	[1] (2000)
SW8015MEP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	2400 (210)	500 (190)	ND (0.971)	ND (190)	760 (220)	[1.09] (220)
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	60 (10)	ND (25)	ND (2)	ND (0.4)	0.91 P (0.4)	[1] (0.4)
1,3-Dichlorobenzene	14 (5)	ND (25)	ND (2)	ND (0.2)	0.71 (0.2)	[1] (0.2)
1,4-Dichlorobenzene	14 (10)	ND (25)	ND (2)	ND (0.4)	ND (0.4)	[1] (0.4)
Benzene	280 (7.5)	ND (25)	ND (2)	ND (0.3)	ND (0.3)	[1] (0.3)
Chlorobenzene	ND (5)	ND (25)	ND (2)	ND (0.2)	ND (0.2)	[1] (0.2)
Ethylbenzene	230 (5)	ND (25)	ND (2)	ND (0.2)	ND (0.2)	[1] (0.2)
Gasoline Range Organics (2)	14000 (2500)	380 (25)	ND (2)	ND (100)	ND (100)	[1] (100)
Toluene	73 (5)	ND (25)	ND (2)	ND (0.2)	0.41 B (0.2)	[1] (0.2)
Total xylenes	970 (7.5)	13 (25)	ND (2)	ND (0.3)	0.51 P (0.3)	[1] (0.3)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND (0.01)	ND (0.01)	ND (0.010101)	0.016 B (0.0097)	ND (0.011)	[1.063829] (0.011)
4,4'-DDE	ND (0.01)	ND (0.01)	ND (0.010101)	ND (0.0097)	ND (0.011)	[1.063829] (0.011)
4,4'-DDT	0.0074 KJB (0.02)	0.01 KJB (0.02)	ND (0.010101)	0.021 (0.019)	0.011 KJ (0.021)	[1.063829] (0.021)
Aldrin	0.013 B (0.01)	ND (0.01)	ND (0.010101)	ND (0.0097)	0.0064 JB (0.011)	[1.063829] (0.011)
Chlordane	ND (0.051)	ND (0.051)	ND (0.010101)	ND (0.049)	ND (0.053)	[1.063829] (0.053)
Dieldrin	ND (0.01)	ND (0.01)	ND (0.010101)	0.0094 KJ (0.0097)	ND (0.011)	[1.063829] (0.011)
Endosulfan I	ND (0.01)	ND (0.01)	ND (0.010101)	ND (0.0097)	ND (0.011)	[1.063829] (0.011)
Endosulfan II	0.0082 KJB (0.03)	0.0067 JB (0.03)	ND (0.010101)	ND (0.029)	ND (0.032)	[1.063829] (0.032)
Endosulfan Sulfate	0.015 KJB (0.051)	0.0075 KJB (0.051)	ND (0.010101)	0.016 KJB (0.049)	ND (0.053)	[1.063829] (0.053)
Endrin	ND (0.01)	0.019 B (0.01)	ND (0.010101)	ND (0.0097)	ND (0.011)	[1.063829] (0.011)

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID			
	10				10				11			
	10-MW-02				10-MW-03				11-MW-01			
	10-DS-06 Dup of 10-MW-02-02				10-MW-03-02				11-MW-01-01			
Endrin Aldehyde	0.0077 KJB	(0.02)	[1.010101]	0.007 KJB	(0.02)	[1.010101]	0.0062 KJB	(0.019)	[0.970873]	0.0091 KJB	(0.021)	[1.063829]
Heptachlor	0.0015 PJB	(0.01)	[1.010101]	ND	(0.01)	[1.010101]	ND	(0.0097)	[0.970873]	0.015 B	(0.011)	[1.063829]
Heptachlor epoxide	0.0041 PJB	(0.01)	[1.010101]	0.0042 PJB	(0.01)	[1.010101]	ND	(0.0097)	[0.970873]	ND	(0.011)	[1.063829]
Methoxychlor	ND	(0.051)	[1.010101]	ND	(0.051)	[1.010101]	ND	(0.049)	[0.970873]	ND	(0.053)	[1.063829]
PCB-1016	ND	(0.1)	[1.010101]	ND	(0.1)	[1.010101]	ND	(0.097)	[0.970873]	ND	(0.11)	[1.063829]
PCB-1221	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]	ND	(0.19)	[0.970873]	ND	(0.21)	[1.063829]
PCB-1232	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]	ND	(0.19)	[0.970873]	ND	(0.21)	[1.063829]
PCB-1242	ND	(0.1)	[1.010101]	ND	(0.1)	[1.010101]	ND	(0.097)	[0.970873]	ND	(0.11)	[1.063829]
PCB-1248	ND	(0.1)	[1.010101]	ND	(0.1)	[1.010101]	ND	(0.097)	[0.970873]	ND	(0.11)	[1.063829]
PCB-1254	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]	ND	(0.19)	[0.970873]	ND	(0.21)	[1.063829]
PCB-1260	ND	(0.2)	[1.010101]	ND	(0.2)	[1.010101]	ND	(0.19)	[0.970873]	ND	(0.21)	[1.063829]
Toxaphene	ND	(0.51)	[1.010101]	ND	(0.51)	[1.010101]	ND	(0.49)	[0.970873]	ND	(0.53)	[1.063829]
alpha-BHC	ND	(0.01)	[1.010101]	0.022	(0.01)	[1.010101]	ND	(0.0097)	[0.970873]	ND	(0.011)	[1.063829]
beta-BHC	0.047	(0.01)	[1.010101]	0.043	(0.01)	[1.010101]	0.0031 KJB	(0.0097)	[0.970873]	0.044	(0.011)	[1.063829]
delta-BHC	ND	(0.01)	[1.010101]	ND	(0.01)	[1.010101]	0.013 B	(0.0097)	[0.970873]	0.036	(0.011)	[1.063829]
gamma-BHC	0.025 PB	(0.01)	[1.010101]	ND	(0.01)	[1.010101]	ND	(0.0097)	[0.970873]	0.049	(0.011)	[1.063829]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
1,2-Dichlorobenzene	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
1,3-Dichlorobenzene	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
1,4-Dichlorobenzene	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2,4,5-Trichlorophenol	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2,4,6-Trichlorophenol	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2,4-Dichlorophenol	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2,4-Dimethylphenol	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2,4-Dinitrophenol	ND	(50)	[0.990099]	ND	(49)	[0.980392]	ND	(50)	[1]	ND	(54)	[1.086956]
2,4-Dinitrotoluene	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2,6-Dinitrotoluene	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2-Chloronaphthalene	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2-Chlorophenol	ND	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]
2-Methylnaphthalene	51	(9.9)	[0.990099]	ND	(9.8)	[0.980392]	ND	(10)	[1]	ND	(11)	[1.086956]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10			11		
	10-DS-06 Dup of 10-MW-02-02	10-MW-03	10-MW-03-02	11-MW-01	11-MW-02	11-MW-02-01
	2.5 J	(9.9) [0.990099]	(9.8) [0.980392]	ND	ND	ND
2-Methylphenol(o-cresol)	ND	(50) [0.990099]	(49) [0.980392]	ND	(10)	(11) [1.086956]
2-Nitroaniline	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(50)	(54) [1.086956]
2-Nitrophenol	ND	(20) [0.990099]	(20) [0.980392]	ND	(10)	(11) [1.086956]
3,3'-Dichlorobenzidine	ND	(50) [0.990099]	(49) [0.980392]	ND	(20)	(22) [1.086956]
3-Nitroaniline	ND	(50) [0.990099]	(49) [0.980392]	ND	(50)	(54) [1.086956]
4,6-Dinitro-2-methylphenol	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(50)	(54) [1.086956]
4-Bromophenyl phenyl ether	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
4-Chloro-3-methylphenol	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
4-Chlorophenyl phenyl ether	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
4-Methylphenol(p-cresol)	11	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
4-Nitroaniline	ND	(50) [0.990099]	(49) [0.980392]	ND	(50)	(54) [1.086956]
4-Nitrophenol	ND	(50) [0.990099]	(49) [0.980392]	ND	(50)	(54) [1.086956]
Acenaphthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Acenaphthylene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Anthracene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Benzo(a)anthracene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Benzo(a)pyrene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Benzo(b)fluoranthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Benzo(g,h,i)perylene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Benzo(k)fluoranthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Benzoic acid	ND	(50) [0.990099]	(49) [0.980392]	ND	(50)	(54) [1.086956]
Benzyl alcohol	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Butylbenzylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Chrysene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Di-n-octylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Dibenz(a,h)anthracene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Dibenzofuran	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Dibutylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Diethylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Dimethylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]
Fluoranthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	ND	(10)	(11) [1.086956]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		11	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-02	10-MW-03	11-MW-01	11-MW-02
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01	11-MW-02-01
Fluorene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Hexachlorobenzene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Hexachlorobutadiene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Hexachlorocyclopentadiene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Hexachloroethane	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Indeno(1,2,3-cd)pyrene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Isophorone	ND	(9.9) [0.990099]	ND	(11) [1.086956]
N-Nitrosodiphenylamine	ND	(9.9) [0.990099]	ND	(11) [1.086956]
N-Nitrosodipropylamine	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Naphthalene	85	(9.9) [0.990099]	ND	(11) [1.086956]
Nitrobenzene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Pentachlorophenol	ND	(50) [0.990099]	ND	(11) [1.086956]
Phenanthrene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
Phenol	14	(9.9) [0.990099]	ND	(11) [1.086956]
Pyrene	ND	(9.9) [0.990099]	ND	(11) [1.086956]
bis(2-Chloroethoxy)methane	ND	(9.9) [0.990099]	ND	(11) [1.086956]
bis(2-Chloroethyl) ether	ND	(9.9) [0.990099]	ND	(11) [1.086956]
bis(2-Chloroisopropyl) ether	ND	(9.9) [0.990099]	ND	(11) [1.086956]
bis(2-Ethylhexyl) phthalate	ND	(9.9) [0.990099]	ND	(11) [1.086956]
p-Chloroaniline	ND	(9.9) [0.990099]	ND	(11) [1.086956]
		3.9 JB		4.4 JB
		ND		ND

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	12		12	
	12-MW-01	12-MW-02	12-MW-01	12-MW-02

SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND (2.5) [1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND (0.55) [1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND (0.3) [1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND (0.2) [1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND (0.5) [1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND (0.7) [1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND (1.6) [1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND (0.25) [1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND (0.15) [1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND (0.15) [1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND (0.32) [1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND (0.25) [1]
1-Chlorohexane	ND	(3.4)	[1]	ND (3.4) [1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND (0.6) [1]
Bromobenzene	ND	(1.6)	[1]	ND (1.6) [1]
Bromodichloromethane	ND	(0.1)	[1]	ND (0.1) [1]
Bromoform	ND	(0.5)	[1]	ND (0.5) [1]
Bromomethane	ND	(0.35)	[1]	ND (0.35) [1]
Carbon tetrachloride	ND	(0.35)	[1]	ND (0.35) [1]
Chlorobenzene	ND	(0.3)	[1]	ND (0.3) [1]
Chloroethane	ND	(0.7)	[1]	ND (0.7) [1]
Chloroform	ND	(0.15)	[1]	ND (0.15) [1]
Chloromethane	ND	(0.5)	[1]	ND (0.5) [1]
Dibromochloromethane	ND	(0.2)	[1]	ND (0.2) [1]
Dibromomethane	ND	(1.6)	[1]	ND (1.6) [1]
Methylene chloride	ND	(0.4)	[1]	ND (0.4) [1]
Tetrachloroethene	ND	(0.1)	[1]	ND (0.1) [1]
Trichloroethene	ND	(0.2)	[1]	ND (0.2) [1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND (0.55) [1]
Vinyl chloride	ND	(0.25)	[1]	ND (0.25) [1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	12		12	
	12-MW-01	12-MW-01-01	12-MW-02	12-MW-02-01
cis-1,3-Dichloropropene	ND	(0.2)	ND	(0.2) [1]
trans-1,2-Dichloroethene	ND	(0.25)	ND	(0.25) [1]
trans-1,3-Dichloropropene	ND	(0.15)	ND	(0.15) [1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)				
Ethanol	ND	(2000)	ND	(2000) [1]
Ethyl ether	ND	(10000)	ND	(10000) [1]
Methyl ethyl ketone	ND	(3000)	ND	(3000) [1]
Methyl isobutyl ketone	ND	(2000)	ND	(2000) [1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)				
Diesel Range Organics (2)	ND	(210)	ND	(200) [1.01]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND	(0.4)	ND	(0.4) [1]
1,3-Dichlorobenzene	ND	(0.2)	ND	(0.2) [1]
1,4-Dichlorobenzene	ND	(0.4)	ND	(0.4) [1]
Benzene	ND	(0.3)	ND	(0.3) [1]
Chlorobenzene	ND	(0.2)	ND	(0.2) [1]
Ethylbenzene	ND	(0.2)	ND	(0.2) [1]
Gasoline Range Organics (2)	ND	(100)	ND	(100) [1]
Toluene	0.6	(0.2)	ND	(0.2) [1]
Total xylenes	ND	(0.3)	ND	(0.3) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
4,4'-DDE	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
4,4'-DDT	ND	(0.021) [1.058201]	ND	(0.02) [1.010101]
Aldrin	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Chlordane	ND	(0.053) [1.058201]	ND	(0.051) [1.010101]
Dieldrin	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Endosulfan I	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Endosulfan II	ND	(0.032) [1.058201]	ND	(0.03) [1.010101]
Endosulfan Sulfate	ND	(0.053) [1.058201]	ND	(0.051) [1.010101]
Endrin	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	12	12	12	12
	12-MW-01	12-MW-02	12-MW-02-01	
	12-MW-01-01			
Endrin Aldehyde	0.017 KJB	(0.021) [1.058201]	0.016 KJB	(0.02) [1.010101]
Heptachlor	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Heptachlor epoxide	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
Methoxychlor	ND	(0.053) [1.058201]	ND	(0.051) [1.010101]
PCB-1016	ND	(0.11) [1.058201]	ND	(0.1) [1.010101]
PCB-1221	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
PCB-1232	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
PCB-1242	ND	(0.11) [1.058201]	ND	(0.1) [1.010101]
PCB-1248	ND	(0.11) [1.058201]	ND	(0.1) [1.010101]
PCB-1254	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
PCB-1260	ND	(0.21) [1.058201]	ND	(0.2) [1.010101]
Toxaphene	ND	(0.53) [1.058201]	ND	(0.51) [1.010101]
alpha-BHC	0.0054 KJB	(0.011) [1.058201]	ND	(0.01) [1.010101]
beta-BHC	ND	(0.011) [1.058201]	ND	(0.01) [1.010101]
delta-BHC	0.0026 PJB	(0.011) [1.058201]	ND	(0.01) [1.010101]
gamma-BHC	0.0037 KJB	(0.011) [1.058201]	0.0047 KJB	(0.01) [1.010101]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
1,2-Dichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
1,3-Dichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
1,4-Dichlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4,5-TrichlorophenoI	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4,6-TrichlorophenoI	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4-DichlorophenoI	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4-DimethylphenoI	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,4-Dinitrophenol	ND	(49) [0.985221]	ND	(52) [1.041666]
2,4-Dinitrotoluene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2,6-Dinitrotoluene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2-Chloronaphthalene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2-ChlorophenoI	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2-Methylnaphthalene	ND	(9.9) [0.985221]	ND	(10) [1.041666]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	12 12-MW-01 12-MW-01-01	12 12-MW-02 12-MW-02-01
2-Methylphenol(o-cresol)	ND	(9.9) [0.985221] ND (10) [1.041666]
2-Nitroaniline	ND	(49) [0.985221] ND (52) [1.041666]
2-Nitrophenol	ND	(9.9) [0.985221] ND (10) [1.041666]
3,3'-Dichlorobenzidine	ND	(20) [0.985221] ND (21) [1.041666]
3-Nitroaniline	ND	(49) [0.985221] ND (52) [1.041666]
4,6-Dinitro-2-methylphenol	ND	(49) [0.985221] ND (52) [1.041666]
4-Bromophenyl phenyl ether	ND	(9.9) [0.985221] ND (10) [1.041666]
4-Chloro-3-methylphenol	ND	(9.9) [0.985221] ND (10) [1.041666]
4-Chlorophenyl phenyl ether	ND	(9.9) [0.985221] ND (10) [1.041666]
4-Methylphenol(p-cresol)	ND	(9.9) [0.985221] ND (10) [1.041666]
4-Nitroaniline	ND	(49) [0.985221] ND (52) [1.041666]
4-Nitrophenol	ND	(49) [0.985221] ND (52) [1.041666]
Acenaphthene	ND	(9.9) [0.985221] ND (10) [1.041666]
Acenaphthylene	ND	(9.9) [0.985221] ND (10) [1.041666]
Anthracene	ND	(9.9) [0.985221] ND (10) [1.041666]
Benzo(a)anthracene	ND	(9.9) [0.985221] ND (10) [1.041666]
Benzo(a)pyrene	ND	(9.9) [0.985221] ND (10) [1.041666]
Benzo(b)fluoranthene	ND	(9.9) [0.985221] ND (10) [1.041666]
Benzo(g,h,i)perylene	ND	(9.9) [0.985221] ND (10) [1.041666]
Benzo(k)fluoranthene	ND	(9.9) [0.985221] ND (10) [1.041666]
Benzoic acid	ND	(49) [0.985221] ND (52) [1.041666]
Benzyl alcohol	ND	(9.9) [0.985221] ND (10) [1.041666]
Butylbenzylphthalate	ND	(9.9) [0.985221] ND (10) [1.041666]
Chrysene	ND	(9.9) [0.985221] ND (10) [1.041666]
Di-n-octylphthalate	ND	(9.9) [0.985221] ND (10) [1.041666]
Dibenz(a,h)anthracene	ND	(9.9) [0.985221] ND (10) [1.041666]
Dibenzofuran	ND	(9.9) [0.985221] ND (10) [1.041666]
Dibutylphthalate	ND	(9.9) [0.985221] ND (10) [1.041666]
Diethylphthalate	ND	(9.9) [0.985221] ND (10) [1.041666]
Dimethylphthalate	ND	(9.9) [0.985221] ND (10) [1.041666]
Fluoranthene	ND	(9.9) [0.985221] ND (10) [1.041666]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	12	12
	12-MW-01	12-MW-02
	12-MW-01-01	12-MW-02-01
Fluorene	ND	(9.9) [0.985221]
Hexachlorobenzene	ND	(9.9) [0.985221]
Hexachlorobutadiene	ND	(9.9) [0.985221]
Hexachlorocyclopentadiene	ND	(9.9) [0.985221]
Hexachloroethane	ND	(9.9) [0.985221]
Indeno(1,2,3-cd)pyrene	ND	(9.9) [0.985221]
Isophorone	ND	(9.9) [0.985221]
N-Nitrosodiphenylamine	ND	(9.9) [0.985221]
N-Nitrosodipropylamine	ND	(9.9) [0.985221]
Naphthalene	ND	(9.9) [0.985221]
Nitrobenzene	ND	(9.9) [0.985221]
Pentachlorophenol	ND	(49) [0.985221]
Phenanthrene	ND	(9.9) [0.985221]
Phenol	ND	(9.9) [0.985221]
Pyrene	ND	(9.9) [0.985221]
bis(2-Chloroethoxy)methane	ND	(9.9) [0.985221]
bis(2-Chloroethyl) ether	ND	(9.9) [0.985221]
bis(2-Chloroisopropyl) ether	ND	(9.9) [0.985221]
bis(2-Ethylhexyl) phthalate	2.9 JB	(9.9) [0.985221]
p-Chloroaniline	ND	(9.9) [0.985221]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)		
Acenaphthene	ND	(1.9) [1.052631]
Acenaphthylene	ND	(2.4) [1.052631]
Anthracene	ND	(0.69) [1.052631]
Benzo(a)anthracene	ND	(0.014) [1.052631]
Benzo(a)pyrene	ND	(0.024) [1.052631]
Benzo(b)fluoranthene	ND	(0.019) [1.052631]
Benzo(g,h,i)perylene	ND	(0.08) [1.052631]
Benzo(k)fluoranthene	ND	(0.018) [1.052631]
Chrysene	ND	(0.16) [1.052631]
Dibenzo(a,h)anthracene	ND	(0.032) [1.052631]
Fluorene	ND	(10) [1.041666]
Hexachlorobenzene	ND	(10) [1.041666]
Hexachlorobutadiene	ND	(10) [1.041666]
Hexachlorocyclopentadiene	ND	(10) [1.041666]
Hexachloroethane	ND	(10) [1.041666]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.041666]
Isophorone	ND	(10) [1.041666]
N-Nitrosodiphenylamine	ND	(10) [1.041666]
N-Nitrosodipropylamine	ND	(10) [1.041666]
Naphthalene	ND	(10) [1.041666]
Nitrobenzene	ND	(10) [1.041666]
Pentachlorophenol	ND	(52) [1.041666]
Phenanthrene	0.92 J	(10) [1.041666]
Phenol	ND	(10) [1.041666]
Pyrene	ND	(10) [1.041666]
bis(2-Chloroethoxy)methane	ND	(10) [1.041666]
bis(2-Chloroethyl) ether	ND	(10) [1.041666]
bis(2-Chloroisopropyl) ether	ND	(10) [1.041666]
bis(2-Ethylhexyl) phthalate	4.2 JB	(10) [1.041666]
p-Chloroaniline	ND	(10) [1.041666]
Acenaphthene	ND	(1.8) [0.995024]
Acenaphthylene	ND	(2.3) [0.995024]
Anthracene	ND	(0.66) [0.995024]
Benzo(a)anthracene	ND	(0.013) [0.995024]
Benzo(a)pyrene	ND	(0.023) [0.995024]
Benzo(b)fluoranthene	ND	(0.018) [0.995024]
Benzo(g,h,i)perylene	ND	(0.076) [0.995024]
Benzo(k)fluoranthene	ND	(0.017) [0.995024]
Chrysene	ND	(0.15) [0.995024]
Dibenzo(a,h)anthracene	ND	(0.03) [0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	12	12
	12-MW-01	12-MW-02
	12-MW-01-01	12-MW-02-01

Fluoranthene	ND	(0.22) [1.052631]
Fluorene	ND	(0.22) [1.052631]
Indeno(1,2,3-cd)pyrene	0.07	(0.045) [1.052631]
Naphthalene	ND	(1.9) [1.052631]
Phenanthrene	ND	(0.67) [1.052631]
Pyrene	ND	(0.28) [1.052631]
	ND	(0.21) [0.995024]
	ND	(0.21) [0.995024]
	0.075	(0.043) [0.995024]
	ND	(1.8) [0.995024]
	ND	(0.64) [0.995024]
	ND	(0.27) [0.995024]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-03
	01-MW-01-01	01-MW-02-01	01-DS-07 Dup of 01-MW-02-01	01-MW-03-01
<hr/>				
E160.1 - Residue, Filterable (TDS) (mg/L)	NA	870	880	930
Total dissolved solids		(10) [1.000000]	(10) [1.000000]	(10) [1.000000]
SW6010 - Metals (mg/L)				
Aluminum	ND	[1] (0.2)	ND	ND
Antimony	ND	[1] (0.1)	ND	ND
Arsenic	ND	[1] (0.3)	ND	ND
Barium	0.39	[1] (0.01)	0.32	0.19
Beryllium	ND	[1] (0.002)	ND	ND
Cadmium	ND	[1] (0.005)	ND	ND
Calcium	190	[1] (1)	230	230
Chromium	ND	[1] (0.01)	ND	ND
Cobalt	ND	[1] (0.01)	ND	ND
Copper	ND	[1] (0.02)	ND	ND
Iron	6.8	[1] (0.05)	0.13 B	ND
Lead	ND	[1] (0.05)	ND	ND
Magnesium	29	[1] (1)	44	50
Manganese	2.2	[1] (0.01)	1.5	0.022
Molybdenum	ND	[1] (0.05)	ND	ND
Nickel	ND	[1] (0.02)	ND	ND
Potassium	4.6	[1] (3)	5.4	5.9
Selenium	ND	[1] (0.3)	ND	ND
Silver	ND	[1] (0.01)	ND	ND
Sodium	5.5	[1] (1)	11	30
Thallium	ND	[1] (0.1)	ND	ND
Vanadium	ND	[1] (0.02)	ND	ND
Zinc	ND	[1] (0.02)	ND	0.85
SW7060 - Arsenic (mg/L)	ND	[1] (0.004)	ND	ND
Arsenic				
SW7421 - Lead (mg/L)	0.0037 B	[1] (0.003)	ND	ND
Lead				

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-03
	01-MW-01-01	01-MW-02-01	01-DS-07 Dup of 01-MW-02-01	01-MW-03-01
SW7470 - Mercury (mg/L)				
Mercury	0.00032 B	(0.00018)	[1] 0.0004	(0.00018)
SW7740 - Selenium (mg/L)				
Selenium	ND	(0.005)	[1] ND	(0.005)
			[1] ND	(0.005)
			[1] 0.00036	(0.00018)
			[1] 0.00033 B	(0.00018)
			[1] ND	(0.005)
			[1] ND	(0.005)
			[1] ND	(0.005)

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor UN = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID			SAMPLE ID		
	01		01	02		02
	01-SW-01	01-SW-01-01	01-SW-02	02-GW-01	02-GW-02	02-GW-02-01
	(10)	(10) [1.000000]	(10) [1.000000]	(10) [1.000000]	(10) [1.000000]	(10) [1.000000]
E160.1 - Residue, Filterable (TDS) (mg/L)	480		640		270	
Total dissolved solids	ND	[1]	ND	[1]	ND	[1]
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	ND	(0.2)	ND	(0.2)
Antimony	ND	(0.1)	ND	(0.1)	ND	(0.1)
Arsenic	ND	(0.3)	ND	(0.3)	ND	(0.3)
Barium	0.17	(0.01)	0.2	(0.01)	0.4	(0.01)
Beryllium	ND	(0.002)	ND	(0.002)	ND	(0.002)
Cadmium	ND	(0.005)	ND	(0.005)	ND	(0.005)
Calcium	93	(1)	110	(1)	61	(1)
Chromium	ND	(0.01)	ND	(0.01)	ND	(0.01)
Cobalt	ND	(0.01)	ND	(0.01)	ND	(0.01)
Copper	ND	(0.02)	ND	(0.02)	ND	(0.02)
Iron	1.8	(0.05)	0.3 B	(0.05)	5.3	(0.05)
Lead	ND	(0.05)	ND	(0.05)	ND	(0.05)
Magnesium	18	(1)	16	(1)	16	(1)
Manganese	2.4	(0.01)	1.6	(0.01)	0.35	(0.01)
Molybdenum	ND	(0.05)	ND	(0.05)	ND	(0.05)
Nickel	ND	(0.02)	ND	(0.02)	ND	(0.02)
Potassium	19	(3)	28	(3)	ND	(3)
Selenium	ND	(0.3)	ND	(0.3)	ND	(0.3)
Silver	ND	(0.01)	ND	(0.01)	ND	(0.01)
Sodium	2.2	(1)	5.6	(1)	2.9	(1)
Thallium	ND	(0.1)	ND	(0.1)	ND	(0.1)
Vanadium	ND	(0.02)	ND	(0.02)	ND	(0.02)
Zinc	ND	(0.02)	ND	(0.02)	0.025	(0.02)
SW7060 - Arsenic (mg/L)						
Arsenic	0.0085	(0.004)	0.043	(0.004)	ND	(0.004)
SW7421 - Lead (mg/L)						
Lead	0.01	(0.003)	0.011	(0.003)	0.0044 B	(0.003)
					0.0047 B	(0.003)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SW7470 - Mercury	Mercury	(mg/L)
SW7740 - Selenium	Selenium	(mg/L)

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	03	03	04	04
	03-GW-03	03-GW-04	04-MW-02	04-MW-03
	03-DS-02 Dup of 03-GW-03-01	03-GW-04-01	04-MW-02-01	04-MW-03-01
<hr/>				
E160.1 - Residue, Filterable (TDS) (mg/L)	580	(10) [1.000000]	570	(10) [1.000000]
Total dissolved solids	580	(10) [1.000000]	570	(10) [1.000000]
SW6010 - Metals (mg/L)				
Aluminum	NA	(0.2)	ND	(0.2)
Antimony	NA	(0.1)	ND	(0.1)
Arsenic	NA	(0.3)	ND	(0.3)
Barium	NA	(0.01)	0.21	(0.01)
Beryllium	NA	(0.002)	ND	(0.002)
Cadmium	NA	(0.005)	ND	(0.005)
Calcium	NA	(1)	190	(1)
Chromium	NA	(0.01)	ND	(0.01)
Cobalt	NA	(0.01)	ND	(0.01)
Copper	NA	(0.02)	ND	(0.02)
Iron	NA	(0.05)	ND	(0.05)
Lead	NA	(0.05)	ND	(0.05)
Magnesium	NA	(1)	37	(1)
Manganese	NA	(0.01)	0.027	(0.01)
Molybdenum	NA	(0.05)	ND	(0.05)
Nickel	NA	(0.02)	ND	(0.02)
Potassium	NA	(3)	4.9	(3)
Selenium	NA	(0.3)	ND	(0.3)
Silver	NA	(0.01)	ND	(0.01)
Sodium	NA	(1)	5.2	(1)
Thallium	NA	(0.1)	ND	(0.1)
Vanadium	NA	(0.02)	ND	(0.02)
Zinc	NA	(0.02)	ND	(0.02)
SW7060 - Arsenic (mg/L)				
Arsenic	NA	(0.004)	ND	(0.004)
SW7421 - Lead (mg/L)				
Lead	NA	(0.003)	0.0037 B	(0.003)
			0.004 B	(0.003)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 20 March 1995

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	03	04	04	04
	03-GW-03	04-MW-02	04-MW-03	04-MW-03-01
	03-DS-02 Dup of 03-GW-03-01	04-MW-02-01		
SW7470 - Mercury (mg/L)	NA	ND	[1] 0.00031 B (0.00018)	[1] 0.00034 B (0.00018)
Mercury				
SW7740 - Selenium (mg/L)	NA	ND	[1] (0.005)	[1] ND (0.005)
Selenium				

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	04
	04-SW-01	04-SW-01	04-SW-02	04-SW-03
	04-SW-01-01	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01
SW6010 - Metals (mg/L)				
Aluminum	ND	ND	ND	ND
Antimony	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND
Barium	0.086	0.086	0.06	0.06
Beryllium	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND
Calcium	45	45	35	35
Chromium	ND	ND	ND	ND
Cobalt	ND	ND	ND	ND
Copper	0.02	ND	ND	ND
Iron	1	0.95	0.43 B	0.5 B
Lead	ND	ND	ND	ND
Magnesium	7.8	7.7	6.6	6.6
Manganese	0.16	0.13	0.1	0.05
Molybdenum	ND	ND	ND	ND
Nickel	ND	ND	ND	ND
Potassium	4.9	4.9	4.1	3.8
Selenium	ND	ND	ND	ND
Silver	ND	ND	ND	ND
Sodium	2.7	2.1	2	1.9
Thallium	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND
Zinc	0.039	ND	ND	ND
SW7060 - Arsenic (mg/L)	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND
SW7421 - Lead (mg/L)	ND	0.0078 B	0.0065 B	ND
Lead	ND	0.0078 B	0.0065 B	ND
SW7470 - Mercury (mg/L)	ND	ND	ND	ND
Mercury	ND	ND	ND	ND

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW7740 - Selenium (mg/L) Selenium		04	04	04
		04-SW-01	04-SW-02	04-SW-03
		04-SW-01-01	04-SW-02-01	04-SW-03-01
		04-DS-03 Dup of 04-SW-01-01		
	ND	(0.005)	[1]	ND
			[1]	(0.005)
			[1]	[1]
			ND	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	04				05				05							
	LOCATION ID				LOCATION ID				LOCATION ID							
	SAMPLE ID				SAMPLE ID				SAMPLE ID							
	04-SW-04				05-MW-01				05-MW-02				05-MW-03			
	04-SW-04-01				05-MW-01-01				05-MW-02-01				05-MW-03-01			

SW6010 - Metals (mg/L)																
Aluminum	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	
Antimony	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	
Arsenic	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	
Barium	0.057	(0.01)	[1]	[1]	0.33	(0.01)	[1]	[1]	0.16	(0.01)	[1]	[1]	0.65	(0.01)	[1]	
Beryllium	ND	(0.002)	[1]	[1]	ND	(0.002)	[1]	[1]	ND	(0.002)	[1]	[1]	ND	(0.002)	[1]	
Cadmium	ND	(0.005)	[1]	[1]	ND	(0.005)	[1]	[1]	ND	(0.005)	[1]	[1]	ND	(0.005)	[1]	
Calcium	33	(1)	[1]	[1]	210	(1)	[1]	[1]	120	(1)	[1]	[1]	210	(1)	[1]	
Chromium	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	
Cobalt	ND	(0.01)	[1]	[1]	0.021	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	0.03	(0.01)	[1]	
Copper	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	
Iron	0.33 B	(0.05)	[1]	[1]	19	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	13	(0.05)	[1]	
Lead	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	
Magnesium	6.5	(1)	[1]	[1]	41	(1)	[1]	[1]	26	(1)	[1]	[1]	36	(1)	[1]	
Manganese	0.075	(0.01)	[1]	[1]	12	(0.01)	[1]	[1]	0.17	(0.01)	[1]	[1]	22	(0.01)	[1]	
Molybdenum	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	
Nickel	ND	(0.02)	[1]	[1]	0.026	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	0.031	(0.02)	[1]	
Potassium	4.1	(3)	[1]	[1]	4.4	(3)	[1]	[1]	3.6	(3)	[1]	[1]	8.6	(3)	[1]	
Selenium	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	
Silver	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	
Sodium	2	(1)	[1]	[1]	9.1	(1)	[1]	[1]	4.2	(1)	[1]	[1]	5	(1)	[1]	
Thallium	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	
Vanadium	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	
Zinc	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	
SW7060 - Arsenic (mg/L)																
Arsenic	ND	(0.004)	[1]	[1]	0.0047	(0.004)	[1]	[1]	ND	(0.004)	[1]	[1]	0.005	(0.004)	[1]	
SW7421 - Lead (mg/L)																
Lead	0.0096	(0.003)	[1]	[1]	ND	(0.003)	[1]	[1]	0.0037 B	(0.003)	[1]	[1]	0.0069 B	(0.003)	[1]	
SW7470 - Mercury (mg/L)																
Mercury	ND	(0.00018)	[1]	[1]	ND	(0.00018)	[1]	[1]	0.00035	(0.00018)	[1]	[1]	0.00019 B	(0.00018)	[1]	

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ^{NS} = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-04	05-MW-05	05-MW-06	05-MW-07	05-MW-04	05-MW-05	05-MW-06	05-MW-07	05-MW-04	05-MW-05

E160.1 - Residue, Filterable (TDS) (mg/L)										
Total dissolved solids										
SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Barium	1	(0.01)	[1]	1.2	(0.01)	[1]	0.19	(0.01)	[1]	0.68
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND
Calcium	270	(1)	[1]	220	(1)	[1]	210	(1)	[1]	270
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Cobalt	0.031	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	0.012
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Iron	84	(0.05)	[1]	120	(0.05)	[1]	0.079 B	(0.05)	[1]	13
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Magnesium	54	(1)	[1]	40	(1)	[1]	46	(1)	[1]	59
Manganese	30	(0.01)	[1]	19	(0.01)	[1]	0.64	(0.01)	[1]	21
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Nickel	0.028	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	0.031
Potassium	4.9	(3)	[1]	4.2	(3)	[1]	4.7	(3)	[1]	6.7
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Sodium	7.7	(1)	[1]	9.5	(1)	[1]	11	(1)	[1]	16
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
SW7060 - Arsenic (mg/L)										
Arsenic	0.021	(0.004)	[1]	0.028	(0.004)	[1]	ND	(0.004)	[1]	0.0047
SW7421 - Lead (mg/L)										
Lead	ND	(0.003)	[1]	0.0034 B	(0.003)	[1]	0.011	(0.003)	[1]	0.0031 B

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-08		05-MW-09		05-MW-09		05-MW-09		05-MW-10	
	05-MW-08-01		05-MW-09-01		05-MW-09-01		05-MW-09-01		05-MW-10-01	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
<hr/>										
SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Barium	0.17	(0.01)	[1]	0.11	(0.01)	[1]	0.12	(0.01)	[1]	0.56
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND
Calcium	200	(1)	[1]	180	(1)	[1]	180	(1)	[1]	180
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Cobalt	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	0.028
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Iron	ND	(0.05)	[1]	ND	(0.05)	[1]	0.21 B	(0.05)	[1]	4.3
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Magnesium	44	(1)	[1]	43	(1)	[1]	45	(1)	[1]	40
Manganese	0.025	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	27
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND
Nickel	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	0.038
Potassium	5.5	(3)	[1]	4.9	(3)	[1]	4.7	(3)	[1]	6.2
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND
Sodium	9	(1)	[1]	7.3	(1)	[1]	7.4	(1)	[1]	6.3
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
Zinc	0.046	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND
SW7060 - Arsenic (mg/L)										
Arsenic	ND	(0.004)	[1]	ND	(0.004)	[1]	ND	(0.004)	[1]	ND
SW7421 - Lead (mg/L)										
Lead	ND	(0.003)	[1]	0.0053 B	(0.003)	[1]	ND	(0.003)	[1]	0.003 B
SW7470 - Mercury (mg/L)										
Mercury	0.00035	(0.00018)	[1]	0.00032 B	(0.00018)	[1]	0.00036	(0.00018)	[1]	0.00038
										(0.00018)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor UN = Not Detected NA = Not Applicable

TABLE A3 RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05			
	LOCATION ID		SAMPLE ID		05-MW-11		05-MW-12	
	05-MW-11-01		05-MW-12-01		05-MW-12-01		05-MW-12-01	
SW6010 - Metals (mg/L)								
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	0.21	(0.2)
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
Barium	0.26	(0.01)	[1]	0.18	(0.01)	[1]	1.2	(0.01)
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)
Calcium	260	(1)	[1]	260	(1)	[1]	210	(1)
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)
Cobalt	0.014	(0.01)	[1]	ND	(0.01)	[1]	0.011	(0.01)
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)
Iron	4.5	(0.05)	[1]	ND	(0.05)	[1]	110	(0.05)
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)
Magnesium	60	(1)	[1]	58	(1)	[1]	40	(1)
Manganese	14	(0.01)	[1]	ND	(0.01)	[1]	18	(0.01)
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)
Nickel	0.032	(0.02)	[1]	ND	(0.02)	[1]	0.02	(0.02)
Potassium	5.7	(3)	[1]	6.2	(3)	[1]	4.1	(3)
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)
Sodium	11	(1)	[1]	15	(1)	[1]	9.3	(1)
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)
SW7060 - Arsenic (mg/L)								
Arsenic	0.0081	(0.004)	[1]	ND	(0.004)	[1]	0.028	(0.004)
SW7421 - Lead (mg/L)								
Lead	0.014	(0.003)	[1]	0.011	(0.003)	[1]	0.0086	(0.003)
SW7470 - Mercury (mg/L)								
Mercury	ND	(0.00018)	[1]	ND	(0.00018)	[1]	0.00021 B	(0.00018)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
-----	05	05	05	05	05	05
	05-MW-11	05-MW-12	05-MW-12	05-MW-12	05-MW-12	05-SW-01
	05-MW-11-01	05-MW-12-01	05-MW-12-01	05-DS-09 Dup of 05-MW-12-01	05-MW-12-01	05-SW-01-01
	-----	-----	-----	-----	-----	-----
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	0.0073	(0.005)	[1]
Selenium					ND	(0.005) [1]

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	05	05	05	05	06	06
	05-SW-02	05-SW-03	05-SW-03	05-SW-03	06-MW-01	06-MW-01
	05-SW-02-01	05-SW-03-01	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-01-01
<hr/>						
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	ND	(0.005)	[1]
Selenium						

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	06						06					
	06-MW-02						06-MW-03					
	06-MW-02-01						06-MW-03-01					
	06-MW-02-01						06-MW-03-01					
	06-MW-02-01						06-MW-03-01					
	06-MW-02-01						06-MW-03-01					
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	06-MW-02-01						06-MW-03-01					
	06-MW-02-01						06-MW-03-01					

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER

Selenium

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	06					06				
	06-MW-06		06-SW-01			06-SW-01		06-SW-01		
	06-MW-06-01		06-SW-01-01			06-SW-01-01		06-SW-01-01	06-SW-01-01	06-SW-02-01
								06-DS-07 Dup of 06-SW-01-01		06-SW-02-01
<hr/>										
SW6010 - Metals (mg/L)										
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND (0.2)
Antimony	ND	(0.1)	[1]	0.11	(0.1)	[1]	0.12	(0.1)	[1]	ND (0.1)
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND (0.3)
Barium	0.43	(0.01)	[1]	0.32	(0.01)	[1]	0.32	(0.01)	[1]	0.4 (0.01)
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]	ND (0.002)
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND (0.005)
Calcium	210	(1)	[1]	190	(1)	[1]	190	(1)	[1]	190 (1)
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND (0.01)
Cobalt	0.024	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	0.016 (0.01)
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND (0.02)
Iron	8.8	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	31 (0.05)
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND (0.05)
Magnesium	37	(1)	[1]	35	(1)	[1]	35	(1)	[1]	34 (1)
Manganese	22	(0.01)	[1]	3.2	(0.01)	[1]	3.1	(0.01)	[1]	6 (0.01)
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]	ND (0.05)
Nickel	0.02	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND (0.02)
Potassium	5	(3)	[1]	15	(3)	[1]	14	(3)	[1]	13 (3)
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	ND (0.3)
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]	ND (0.01)
Sodium	30	(1)	[1]	40	(1)	[1]	39	(1)	[1]	36 (1)
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]	ND (0.1)
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	ND (0.02)
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]	0.02 (0.02)
<hr/>										
SW7060 - Arsenic (mg/L)										
Arsenic	0.0061	(0.004)	[1]	0.0049	(0.004)	[1]	0.0052	(0.004)	[1]	0.016 (0.004)
<hr/>										
SW7421 - Lead (mg/L)										
Lead	0.0058 B	(0.003)	[1]	ND	(0.003)	[1]	ND	(0.003)	[1]	ND (0.003)
<hr/>										
SW7470 - Mercury (mg/L)										
Mercury	ND	(0.00018)	[1]	0.00027 B	(0.00018)	[1]	0.00029 B	(0.00018)	[1]	0.00029 B (0.00018)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
SW7740 - Selenium (mg/L) Selenium	06	06	06	06	06	06
	06-MW-06	06-SW-01	06-SW-01	06-SW-01	06-SW-02	06-SW-02
	06-MW-06-01	06-SW-01-01	06-SW-01-01	06-DS-07 Dup of 06-SW-01-01	06-SW-02-01	06-SW-02-01
	ND	(0.005)	[1]	ND	(0.005)	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		07		07	
	SAMPLE ID		07-MW-01		07-MW-02	
	07-MW-01-01		07-DS-09 Dup of 07-MW-01-01		07-DS-10 Dup of 07-MW-02-01	
	(10)	[1.000000]	(10)	[1.000000]	(10)	[1.000000]
E160.1 - Residue, Filterable (TDS) (mg/L)	620		640		900	
Total dissolved solids	ND	[1]	ND	[1]	ND	[1]
SW6010 - Metals (mg/L)	0.12	[1]	ND	[1]	ND	[1]
Aluminum	ND	[1]	ND	[1]	ND	[1]
Antimony	ND	[1]	ND	[1]	ND	[1]
Arsenic	0.5	[1]	0.5	[1]	0.69	[1]
Barium	ND	[1]	ND	[1]	ND	[1]
Beryllium	ND	[1]	ND	[1]	ND	[1]
Cadmium	ND	[1]	0.0051	[1]	ND	[1]
Calcium	95	[1]	100	[1]	97	[1]
Chromium	ND	[1]	ND	[1]	ND	[1]
Cobalt	ND	[1]	ND	[1]	ND	[1]
Copper	ND	[1]	ND	[1]	ND	[1]
Iron	6.3	[1]	6	[1]	9.4	[1]
Lead	0.054	[1]	ND	[1]	ND	[1]
Magnesium	70	[1]	73	[1]	90	[1]
Manganese	0.82	[1]	0.95	[1]	0.41	[1]
Molybdenum	ND	[1]	ND	[1]	ND	[1]
Nickel	0.021	[1]	ND	[1]	ND	[1]
Potassium	4.4	[1]	4.6	[1]	5.2	[1]
Selenium	ND	[1]	ND	[1]	ND	[1]
Silver	ND	[1]	ND	[1]	ND	[1]
Sodium	23	[1]	24	[1]	59	[1]
Thallium	ND	[1]	ND	[1]	ND	[1]
Vanadium	ND	[1]	ND	[1]	ND	[1]
Zinc	ND	[1]	ND	[1]	ND	[1]
SW7060 - Arsenic (mg/L)	0.0075	[1]	0.0085	[1]	0.0057	[1]
Arsenic		[1]		[1]		[1]
SW7421 - Lead (mg/L)	0.017	[1]	0.0068 B	[1]	ND	[1]
Lead		[1]		[1]		[1]

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	07	07	07	07
	07-MW-01	07-MW-01	07-MW-02	07-MW-02
	07-MW-01-01	07-DS-09 Dup of 07-MW-01-01	07-MW-02-01	07-DS-10 Dup of 07-MW-02-01
SW7470 - Mercury (mg/L)				
Mercury	0.0003 B (0.00018)	[1] 0.0003 B (0.00018)	[1] 0.0003 B (0.00018)	[1] 0.00032 B (0.00018)
SW7740 - Selenium (mg/L)				
Selenium	ND (0.005)	[1] ND (0.005)	[1] ND (0.005)	[1] ND (0.005)

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	07	07	07	07	07	07
	07-MW-03	07-MW-04	07-SW-01	07-SW-01	07-SW-02	07-SW-02-01
	07-MW-03-01	07-MW-04-01	07-SW-01-01	07-SW-01-01	07-SW-02-01	07-SW-02-01
El60.1 - Residue, Filterable (TDS)	870	840	6300	(10) [1.000000]	2000	(10) [1.000000]
Total dissolved solids	ND	ND	ND	[1]	ND	[1]
SW6010 - Metals (mg/L)	ND	ND	0.12	(0.2)	0.18	(0.1)
Aluminum	ND	ND	ND	(0.1)	ND	(0.3)
Antimony	ND	ND	0.82	(0.01)	0.74	(0.01)
Arsenic	0.14	ND	ND	(0.002)	ND	(0.002)
Barium	ND	ND	ND	(0.005)	ND	(0.005)
Beryllium	ND	120	270	(1)	220	(1)
Cadmium	ND	ND	ND	(0.01)	ND	(0.01)
Calcium	110	ND	ND	(0.01)	ND	(0.01)
Chromium	ND	ND	ND	(0.01)	ND	(0.01)
Cobalt	ND	ND	ND	(0.02)	ND	(0.02)
Copper	ND	1.2	7.6	(0.05)	60	(0.05)
Iron	1.3	ND	ND	(0.05)	ND	(0.05)
Lead	ND	82	140	(1)	96	(1)
Magnesium	100	2.1	2.1	(0.01)	2.2	(0.01)
Manganese	1.2	ND	ND	(0.05)	ND	(0.05)
Molybdenum	ND	ND	ND	(0.02)	ND	(0.02)
Nickel	ND	6.1	7.1	(3)	ND	(3)
Potassium	4.5	ND	ND	(0.3)	ND	(0.3)
Selenium	ND	ND	ND	(0.01)	ND	(0.01)
Silver	ND	35	1800	(1)	330	(1)
Sodium	29	ND	ND	(0.1)	ND	(0.1)
Thallium	ND	ND	ND	(0.02)	ND	(0.02)
Vanadium	ND	ND	0.022	(0.02)	ND	(0.02)
Zinc	ND	ND	ND	(0.04)	0.0069	(0.004)
SW7060 - Arsenic (mg/L)	ND	ND	ND	(0.003)	0.01	(0.003)
Arsenic	0.0034 B	ND	ND	(0.003)	0.01	(0.003)
SW7421 - Lead (mg/L)	0.0034 B	ND	ND	(0.003)	0.01	(0.003)
Lead	0.0034 B	ND	ND	(0.003)	0.01	(0.003)

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER

Mercury

Selenium

TABLE A3 RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	09		09		09		09	
	09-MW-01		09-MW-01		09-MW-02		09-MW-03	
	09-MW-01-01		09-DS-07 Dup of 09-MW-01-01		09-MW-02-01		09-MW-03-01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals (mg/L)								
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
Barium	0.3	(0.01)	[1]	0.29	(0.01)	[1]	0.38	(0.01)
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)
Calcium	160	(1)	[1]	160	(1)	[1]	160	(1)
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)
Cobalt	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)
Iron	22	(0.05)	[1]	20	(0.05)	[1]	9.6	(0.05)
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)
Magnesium	29	(1)	[1]	28	(1)	[1]	23	(1)
Manganese	4	(0.01)	[1]	3.8	(0.01)	[1]	1.1	(0.01)
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)
Nickel	ND	(0.02)	[1]	0.024	(0.02)	[1]	ND	(0.02)
Potassium	5.1	(3)	[1]	4.9	(3)	[1]	4.6	(3)
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)
Sodium	15	(1)	[1]	15	(1)	[1]	34	(1)
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)
Zinc	ND	(0.02)	[1]	0.021	(0.02)	[1]	ND	(0.02)
SW7060 - Arsenic (mg/L)								
Arsenic	ND	(0.004)	[1]	ND	(0.004)	[1]	0.0043	(0.004)
SW7421 - Lead (mg/L)								
Lead	ND	(0.003)	[1]	0.039	(0.003)	[1]	0.018	(0.003)
SW7470 - Mercury (mg/L)								
Mercury	0.00036	(0.00018)	[1]	0.00036	(0.00018)	[1]	0.00034 B	(0.00018)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-01	09-MW-01	09-MW-01	09-MW-02	09-MW-03	09-MW-03-01
	09-MW-01-01	09-MW-01-01	09-MW-01-01	09-MW-02-01	09-MW-03-01	09-MW-03-01
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	ND	(0.005)	[1]
Selenium						

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	09				09				09			
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	09-MW-03				09-MW-04				09-MW-05			
	09-DS-08 Dup of 09-MW-03-01				09-MW-04-01				09-MW-05-01			

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SW7740 - Selenium (mg/L)
Selenium

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	09				09				09							
	LOCATION ID				LOCATION ID				LOCATION ID							
	SAMPLE ID				SAMPLE ID				SAMPLE ID							
	09-MW-07				09-MW-08				09-MW-10				09-MW-11			
	09-MW-07-01				09-MW-08-01				09-MW-10-01				09-MW-11-01			

SW6010 - Metals (mg/L)																
Aluminum	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]	
Antimony	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	
Arsenic	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	
Barium	0.16	(0.01)	[1]	[1]	0.73	(0.01)	[1]	[1]	0.65	(0.01)	[1]	[1]	1.1	(0.01)	[1]	
Beryllium	ND	(0.002)	[1]	[1]	ND	(0.002)	[1]	[1]	ND	(0.002)	[1]	[1]	ND	(0.002)	[1]	
Cadmium	ND	(0.005)	[1]	[1]	ND	(0.005)	[1]	[1]	ND	(0.005)	[1]	[1]	ND	(0.005)	[1]	
Calcium	170	(1)	[1]	[1]	190	(1)	[1]	[1]	150	(1)	[1]	[1]	210	(1)	[1]	
Chromium	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	
Cobalt	ND	(0.01)	[1]	[1]	0.027	(0.01)	[1]	[1]	0.052	(0.01)	[1]	[1]	0.015	(0.01)	[1]	
Copper	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	
Iron	ND	(0.05)	[1]	[1]	130	(0.05)	[1]	[1]	65	(0.05)	[1]	[1]	110	(0.05)	[1]	
Lead	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	
Magnesium	40	(1)	[1]	[1]	28	(1)	[1]	[1]	24	(1)	[1]	[1]	33	(1)	[1]	
Manganese	ND	(0.01)	[1]	[1]	16	(0.01)	[1]	[1]	9	(0.01)	[1]	[1]	15	(0.01)	[1]	
Molybdenum	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	[1]	ND	(0.05)	[1]	
Nickel	ND	(0.02)	[1]	[1]	0.033	(0.02)	[1]	[1]	0.039	(0.02)	[1]	[1]	ND	(0.02)	[1]	
Potassium	5	(3)	[1]	[1]	3.4	(3)	[1]	[1]	4.3	(3)	[1]	[1]	7.9	(3)	[1]	
Selenium	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]	
Silver	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	[1]	ND	(0.01)	[1]	
Sodium	7.5	(1)	[1]	[1]	7.1	(1)	[1]	[1]	8.2	(1)	[1]	[1]	6.8	(1)	[1]	
Thallium	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	[1]	ND	(0.1)	[1]	
Vanadium	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	
Zinc	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	[1]	ND	(0.02)	[1]	
SW7060 - Arsenic (mg/L)																
Arsenic	ND	(0.004)	[1]	[1]	0.029	(0.004)	[1]	[1]	0.013	(0.004)	[1]	[1]	0.025	(0.004)	[1]	
SW7421 - Lead (mg/L)																
Lead	0.0065 B	(0.003)	[1]	[1]	ND	(0.003)	[1]	[1]	0.02	(0.003)	[1]	[1]	0.014	(0.003)	[1]	
SW7470 - Mercury (mg/L)																
Mercury	0.00037	(0.00018)	[1]	[1]	ND	(0.00018)	[1]	[1]	ND	(0.00018)	[1]	[1]	ND	(0.00018)	[1]	

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-07	09-MW-08	09-MW-10	09-MW-11	09-MW-11-01	09-MW-11-01
	09-MW-07-01	09-MW-08-01	09-MW-10-01			
SW7740 - Selenium (mg/L)	0.0063	[1]	ND	(0.005)	[1]	ND
Selenium	(0.005)	[1]	ND	(0.005)	[1]	(0.005)
						[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09			10		
	09-MW-12 09-MW-12-01	09-MW-14 09-MW-14-01	09-MW-14 09-MW-14-01	10-MW-01 10-MW-01-02	10-MW-02 10-MW-02-02	
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	(0.2)	(0.2)	(0.2)	[1]
Antimony	ND	(0.1)	(0.1)	(0.1)	(0.1)	[1]
Arsenic	ND	(0.3)	(0.3)	(0.3)	(0.3)	[1]
Barium	0.8	(0.01)	(0.01)	(0.01)	(0.01)	[1]
Beryllium	ND	(0.002)	(0.002)	(0.002)	(0.002)	[1]
Cadmium	ND	(0.005)	(0.005)	(0.005)	(0.005)	[1]
Calcium	230	(1)	(1)	(1)	(1)	[1]
Chromium	ND	(0.01)	(0.01)	(0.01)	(0.01)	[1]
Cobalt	0.026	(0.01)	(0.01)	(0.01)	(0.01)	[1]
Copper	ND	(0.02)	(0.02)	(0.02)	(0.02)	[1]
Iron	130	(0.05)	(0.05)	(0.05)	(0.05)	[1]
Lead	ND	(0.05)	(0.05)	(0.05)	(0.05)	[1]
Magnesium	47	(1)	(1)	(1)	(1)	[1]
Manganese	2.9	(0.01)	(0.01)	(0.01)	(0.01)	[1]
Molybdenum	ND	(0.05)	(0.05)	(0.05)	(0.05)	[1]
Nickel	0.053	(0.02)	(0.02)	(0.02)	(0.02)	[1]
Potassium	10	(3)	(3)	(3)	(3)	[1]
Selenium	ND	(0.3)	(0.3)	(0.3)	(0.3)	[1]
Silver	ND	(0.01)	(0.01)	(0.01)	(0.01)	[1]
Sodium	27	(1)	(1)	(1)	(1)	[1]
Thallium	ND	(0.1)	(0.1)	(0.1)	(0.1)	[1]
Vanadium	ND	(0.02)	(0.02)	(0.02)	(0.02)	[1]
Zinc	ND	(0.02)	(0.02)	(0.02)	(0.02)	[1]
SW7060 - Arsenic (mg/L)	0.06	(0.004)	(0.004)	(0.004)	(0.004)	[1]
Arsenic						
SW7421 - Lead (mg/L)	0.0081 B	(0.003)	(0.003)	(0.003)	(0.003)	[1]
Lead						
SW7470 - Mercury (mg/L)	ND	(0.00018)	(0.00018)	(0.00018)	(0.00018)	[1]
Mercury						

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	09	09	09	10	10	10
	09-MW-12	09-MW-14	09-MW-14	10-MW-01	10-MW-02	10-MW-02
	09-MW-12-01	09-MW-14-01	09-MW-14-01	10-MW-01-02	10-MW-02-02	10-MW-02-02
<hr/>						
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	ND	(0.005)	[1]
Selenium						

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10			11		
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	10-MW-02	10-MW-03	10-MW-02	11-MW-01	11-MW-02	11-MW-02-01
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02		11-MW-01-01		
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]
Antimony	0.12	(0.1)	[1]	ND	(0.1)	[1]
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]
Barium	0.95	(0.01)	[1]	0.2	(0.01)	[1]
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]
Calcium	160	(1)	[1]	260	(1)	[1]
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]
Cobalt	0.013	(0.01)	[1]	ND	(0.01)	[1]
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]
Iron	140	(0.05)	[1]	ND	(0.05)	[1]
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]
Magnesium	25	(1)	[1]	43	(1)	[1]
Manganese	8.5	(0.01)	[1]	ND	(0.01)	[1]
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]
Nickel	ND	(0.02)	[1]	ND	(0.02)	[1]
Potassium	5.4	(3)	[1]	5.9	(3)	[1]
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]
Sodium	27	(1)	[1]	19	(1)	[1]
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]
SW7060 - Arsenic (mg/L)						
Arsenic	0.037	(0.004)	[1]	ND	(0.004)	[1]
SW7421 - Lead (mg/L)						
Lead	0.021	(0.003)	[1]	0.02	(0.003)	[1]
SW7470 - Mercury (mg/L)						
Mercury	0.0003 B	(0.00018)	[1]	0.0003 B	(0.00018)	[1]

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	10	11	10	11	11	11
	10-MW-02		10-MW-03	11-MW-01	11-MW-02	
	10-DS-06 Dup of 10-MW-02-02		10-MW-03-02	11-MW-01-01	11-MW-02-01	
<hr/>						
SW7740 - Selenium (mg/L)	ND	(0.005)	[1]	ND	(0.005)	[1]
Selenium				0.007	(0.005)	[1]
				[1]	ND	(0.005)
					[1]	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	12		12	
	12-MW-01		12-MW-02	
	12-MW-01-01		12-MW-02-01	
<hr/>				
SW6010 - Metals (mg/L)				
Aluminum	ND	(0.2)	[1]	ND (0.2) [1]
Antimony	ND	(0.1)	[1]	ND (0.1) [1]
Arsenic	ND	(0.3)	[1]	ND (0.3) [1]
Barium	0.18	(0.01)	[1]	0.18 (0.01) [1]
Beryllium	ND	(0.002)	[1]	ND (0.002) [1]
Cadmium	ND	(0.005)	[1]	ND (0.005) [1]
Calcium	150	(1)	[1]	150 (1) [1]
Chromium	ND	(0.01)	[1]	ND (0.01) [1]
Cobalt	ND	(0.01)	[1]	ND (0.01) [1]
Copper	ND	(0.02)	[1]	ND (0.02) [1]
Iron	0.059 B	(0.05)	[1]	0.053 B (0.05) [1]
Lead	ND	(0.05)	[1]	ND (0.05) [1]
Magnesium	27	(1)	[1]	28 (1) [1]
Manganese	0.034	(0.01)	[1]	ND (0.01) [1]
Molybdenum	ND	(0.05)	[1]	ND (0.05) [1]
Nickel	ND	(0.02)	[1]	ND (0.02) [1]
Potassium	3.5	(3)	[1]	3.4 (3) [1]
Selenium	ND	(0.3)	[1]	ND (0.3) [1]
Silver	ND	(0.01)	[1]	ND (0.01) [1]
Sodium	5.9	(1)	[1]	5.6 (1) [1]
Thallium	ND	(0.1)	[1]	ND (0.1) [1]
Vanadium	ND	(0.02)	[1]	ND (0.02) [1]
Zinc	ND	(0.02)	[1]	ND (0.02) [1]
SW7060 - Arsenic (mg/L)				
Arsenic	ND	(0.004)	[1]	ND (0.004) [1]
SW7421 - Lead (mg/L)				
Lead	0.0085	(0.003)	[1]	0.0046 B (0.003) [1]
SW7470 - Mercury (mg/L)				
Mercury	ND	(0.00018)	[1]	ND (0.00018) [1]

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
SW7740 - Selenium (mg/L)	12	12
	12-MW-01	12-MW-02
	12-MW-01-01	12-MW-02-01

Selenium	ND (0.005)	[1] ND (0.005) [1]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	01	01	01	01	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-02	01-MW-01	01-MW-01	01-MW-01	01-MW-01	01-MW-01	01-MW-01
	5 - 7	5 - 7	5 - 7	5 - 7	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	8 - 10

SW8015WEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	27	(27)	[133]	(24)	[122]	100	(24)	[118]	51	(24)
Gasoline Range Organics (2)	ND	(13)	[128]	(12)	[122]	ND	(230)	[2270]	ND	(12)
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	3.9	(0.44)	[44.48398]	(0.41)	[41.00041]	13	(0.4)	[39.72983]	1.8	(0.41)
4,4'-DDE	1.5	(0.44)	[44.48398]	(0.41)	[41.00041]	1.6	(0.4)	[39.72983]	0.13	(0.41)
4,4'-DDT	6.3	(0.89)	[44.48398]	(0.82)	[41.00041]	1.1	(0.79)	[39.72983]	0.24	(0.83)
Aldrin	0.04	(0.44)	[44.48398]	(0.41)	[41.00041]	0.6	(0.4)	[39.72983]	0.032	(0.41)
Chlordane	ND	(2.2)	[44.48398]	(2.1)	[41.00041]	ND	(2)	[39.72983]	ND	(2.1)
Dieldrin	0.42	(0.44)	[44.48398]	(0.41)	[41.00041]	ND	(0.4)	[39.72983]	ND	(0.41)
Endosulfan I	ND	(0.44)	[44.48398]	(0.41)	[41.00041]	0.49	(0.4)	[39.72983]	0.12	(0.41)
Endosulfan II	1.1	(1.3)	[44.48398]	(1.2)	[41.00041]	0.7	(1.2)	[39.72983]	0.66	(1.2)
Endosulfan Sulfate	ND	(2.2)	[44.48398]	(2.1)	[41.00041]	ND	(2)	[39.72983]	0.04	(2.1)
Endrin	ND	(0.44)	[44.48398]	(0.41)	[41.00041]	ND	(0.4)	[39.72983]	ND	(0.41)
Endrin Aldehyde	ND	(0.89)	[44.48398]	(0.82)	[41.00041]	0.052	(0.79)	[39.72983]	0.29	(0.83)
Heptachlor	ND	(0.44)	[44.48398]	(0.41)	[41.00041]	ND	(0.4)	[39.72983]	ND	(0.41)
Heptachlor epoxide	0.056	(0.44)	[44.48398]	(0.41)	[41.00041]	0.23	(0.4)	[39.72983]	0.056	(0.41)
Methoxychlor	0.27	(2.2)	[44.48398]	(2.1)	[41.00041]	ND	(2)	[39.72983]	ND	(2.1)
PCB-1016	ND	(4.4)	[44.48398]	(4.1)	[41.00041]	ND	(4)	[39.72983]	ND	(4.1)
PCB-1221	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	ND	(8.3)
PCB-1232	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	ND	(8.3)
PCB-1242	ND	(4.4)	[44.48398]	(4.1)	[41.00041]	ND	(4)	[39.72983]	ND	(4.1)
PCB-1248	ND	(4.4)	[44.48398]	(4.1)	[41.00041]	ND	(4)	[39.72983]	ND	(4.1)
PCB-1254	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	ND	(8.3)
PCB-1260	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	ND	(8.3)
Toxaphene	ND	(22)	[44.48398]	(21)	[41.00041]	ND	(20)	[39.72983]	ND	(21)
alpha-BHC	0.32	(0.44)	[44.48398]	(0.41)	[41.00041]	0.24	(0.4)	[39.72983]	0.27	(0.41)
beta-BHC	0.013	(0.44)	[44.48398]	(0.41)	[41.00041]	ND	(0.4)	[39.72983]	0.066	(0.41)
delta-BHC	ND	(0.44)	[44.48398]	(0.41)	[41.00041]	0.45	(0.4)	[39.72983]	ND	(0.41)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	01	01	01	01	01	01	01					
	01-MW-01	01-MW-02	01-MW-02	01-SB-01	01-SB-01-01	01-SB-01-02	01-SB-01					
	5 - 7	5 - 7	5 - 7	3 - 5	3 - 5	8 - 10						
gamma-BHC	1.4 B	(0.44)	[44.48398]	0.47 B	(0.41)	[41.00041]	0.54 PB	(0.4)	[39.72983]	0.44 B	(0.41)	[41.33939]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
1,1,2,2-Tetrachloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
1,1,2-Trichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
1,1-Dichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
1,1-Dichloroethene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
1,2-Dichloroethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
1,2-Dichloropropane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
2-Chloroethyl vinyl ether	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]
2-Hexanone	ND	(67)	[1.338688]	ND	(62)	[1.234567]	ND	(1300)	[26.10966]	ND	(62)	[1.242236]
4-Methyl-2-pentanone(MIBK)	ND	(67)	[1.338688]	ND	(62)	[1.234567]	ND	(1300)	[26.10966]	ND	(62)	[1.242236]
Acetone	ND	(130)	[1.338688]	ND	(120)	[1.234567]	ND	(2600)	[26.10966]	ND	(120)	[1.242236]
Benzene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Bromodichloromethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Bromomethane	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]
Carbon disulfide	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Carbon tetrachloride	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Chlorobenzene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Chloroethane	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]
Chloroform	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Chloromethane	ND	(13)	[1.338688]	ND	(12)	[1.234567]	ND	(260)	[26.10966]	ND	(12)	[1.242236]
Dibromochloromethane	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Ethyl benzene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Methyl ethyl ketone	ND	(130)	[1.338688]	ND	(120)	[1.234567]	ND	(2600)	[26.10966]	ND	(120)	[1.242236]
Methylene chloride	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Styrene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Tetrachloroethene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]
Toluene	ND	(6.7)	[1.338688]	ND	(6.2)	[1.234567]	ND	(130)	[26.10966]	ND	(6.2)	[1.242236]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	01	01	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-MW-01-02	01-MW-02	01-SB-01	01-SB-01-01	01-SB-01-02	01-SB-01-02
	5 - 7	5 - 7	5 - 7	5 - 7	3 - 5	3 - 5	8 - 10	8 - 10

Tribromomethane(Bromoform)	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
Trichloroethene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
Vinyl acetate	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
Vinyl chloride	ND	(13) [1.338688]	ND	(12) [1.234567]	ND	(260) [26.10966]	ND	(12) [1.242236]
Xylenes	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	53 J	(130) [26.10966]	ND	(6.2) [1.242236]
cis-1,3-Dichloropropene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
trans-1,2-Dichloroethene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
trans-1,3-Dichloropropene	ND	(6.7) [1.338688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	ND	(6.2) [1.242236]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(80) [44.58314]	ND	(220) [122.6993]	ND	(2100) [1190.476]	7.6 J	(220) [124.2236]
Acenaphthylene	ND	(100) [44.58314]	ND	(280) [122.6993]	ND	(2700) [1190.476]	ND	(290) [124.2236]
Anthracene	ND	(29) [44.58314]	ND	(81) [122.6993]	680 J	(790) [1190.476]	ND	(82) [124.2236]
Benzo(a)anthracene	ND	(0.58) [44.58314]	0.7 J	(1.6) [122.6993]	1400	(150) [1190.476]	0.63 J	(1.6) [124.2236]
Benzo(a)pyrene	1	(1) [44.58314]	0.92 J	(2.8) [122.6993]	1500	(270) [1190.476]	1.4 J	(2.9) [124.2236]
Benzo(b)fluoranthene	ND	(0.8) [44.58314]	1.7 J	(2.2) [122.6993]	940	(210) [1190.476]	3.1	(2.2) [124.2236]
Benzo(g,h,i)perylene	ND	(3.4) [44.58314]	12	(9.3) [122.6993]	750 J	(900) [1190.476]	8.1 J	(9.4) [124.2236]
Benzo(k)fluoranthene	ND	(0.76) [44.58314]	0.53 J	(2.1) [122.6993]	650	(200) [1190.476]	ND	(2.1) [124.2236]
Chrysene	ND	(6.7) [44.58314]	ND	(18) [122.6993]	2900	(1800) [1190.476]	ND	(19) [124.2236]
Dibenzo(a,h)anthracene	ND	(1.3) [44.58314]	ND	(3.7) [122.6993]	260	(36) [1190.476]	ND	(3.7) [124.2236]
Fluoranthene	ND	(9.4) [44.58314]	ND	(26) [122.6993]	4200	(2500) [1190.476]	ND	(26) [124.2236]
Fluorene	ND	(9.4) [44.58314]	ND	(26) [122.6993]	79 J	(250) [1190.476]	ND	(26) [124.2236]
Indeno(1,2,3-cd)pyrene	ND	(1.9) [44.58314]	7.4	(5.3) [122.6993]	73	(51) [1190.476]	5.8	(5.3) [124.2236]
Naphthalene	ND	(80) [44.58314]	ND	(220) [122.6993]	260 J	(2100) [1190.476]	ND	(220) [124.2236]
Phenanthrene	ND	(29) [44.58314]	110	(79) [122.6993]	1300	(760) [1190.476]	110	(80) [124.2236]
Pyrene	ND	(12) [44.58314]	ND	(33) [122.6993]	630	(320) [1190.476]	ND	(34) [124.2236]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					BEG. DEPTH - END DEPTH (FT.)					01				
	LOCATION ID					SAMPLE ID					01				
	0.46 B	(0.41)	[41.42502]	1.8 P	(0.39)	[38.69969]	ND	(0.43)	[42.51700]	0.49 PB	(0.44)	[43.74453]			
gamma-BHC															
SW8240 - Volatile Organics (ug/kg)															
1,1,1-Trichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
1,1,2,2-Tetrachloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
1,1,2-Trichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
1,1-Dichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
1,1-Dichloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
1,2-Dichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
1,2-Dichloropropane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
2-Chloroethyl vinyl ether	ND	(12)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]			
2-Hexanone	ND	(62)	[1.25]	ND	(58000)	[1161.440]	ND	(320000)	[6410.256]	ND	(1300)	[26.31578]			
4-Methyl-2-pentanone (MIBK)	ND	(62)	[1.25]	ND	(58000)	[1161.440]	ND	(320000)	[6410.256]	ND	(1300)	[26.31578]			
Acetone	ND	(120)	[1.25]	ND	(120000)	[1161.440]	ND	(640000)	[6410.256]	ND	(2600)	[26.31578]			
Benzene	ND	(6.2)	[1.25]	120000	(5800)	[1161.440]	49000	(32000)	[6410.256]	3000	(130)	[26.31578]			
Bromodichloromethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Bromomethane	ND	(12)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]			
Carbon disulfide	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Carbon tetrachloride	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Chlorobenzene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Chloroethane	ND	(12)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]			
Chloroform	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Chloromethane	ND	(12)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]			
Dibromochloromethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Ethyl benzene	ND	(6.2)	[1.25]	200000	(5800)	[1161.440]	74000	(32000)	[6410.256]	2300	(130)	[26.31578]			
Methyl ethyl ketone	ND	(120)	[1.25]	ND	(120000)	[1161.440]	ND	(640000)	[6410.256]	ND	(2600)	[26.31578]			
Methylene chloride	9.5 B	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Styrene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Tetrachloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]			
Toluene	0.48 JB	(6.2)	[1.25]	110000	(29000)	[5807.200]	37000	(32000)	[6410.256]	14000	(330)	[65.78947]			

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	01	01	01	01	01	01	01					
	01-SB-01	01-SB-02	01-SB-02-01	01-SB-02	01-SB-02-02	01-SB-02-03	01-SB-02-03					
	12 - 15	3 - 5	5 - 7	12 - 15	12 - 15	12 - 15	12 - 15					

Tribromomethane(Bromoform)	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Trichloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Vinyl acetate	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Vinyl chloride	ND	(12)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]
Xylenes	ND	(6.2)	[1.25]	1200000	(29000)	[5807.200]	380000	(32000)	[6410.256]	12000	(130)	[26.31578]
cis-1,3-Dichloropropene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
trans-1,2-Dichloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
trans-1,3-Dichloropropene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)												
Acenaphthene	ND	(220)	[123.7623]	NA	NA		ND	(2300)	[1275.510]	ND	(230)	[129.7016]
Acenaphthylene	ND	(280)	[123.7623]	NA	NA		140 J	(2900)	[1275.510]	ND	(300)	[129.7016]
Anthracene	ND	(82)	[123.7623]	NA	NA		ND	(840)	[1275.510]	140	(86)	[129.7016]
Benzo(a)anthracene	0.31 J	(1.6)	[123.7623]	NA	NA		ND	(17)	[1275.510]	2	(1.7)	[129.7016]
Benzo(a)pyrene	0.97 J	(2.8)	[123.7623]	NA	NA		ND	(29)	[1275.510]	1.5 J	(3)	[129.7016]
Benzo(b)fluoranthene	0.95 J	(2.2)	[123.7623]	NA	NA		ND	(23)	[1275.510]	3.8	(2.3)	[129.7016]
Benzo(g,h,i)perylene	10	(9.4)	[123.7623]	NA	NA		42 J	(97)	[1275.510]	22	(9.9)	[129.7016]
Benzo(k)fluoranthene	0.46 J	(2.1)	[123.7623]	NA	NA		ND	(22)	[1275.510]	0.62 J	(2.2)	[129.7016]
Chrysene	ND	(19)	[123.7623]	NA	NA		ND	(190)	[1275.510]	ND	(19)	[129.7016]
Dibenzo(a,h)anthracene	ND	(3.7)	[123.7623]	NA	NA		ND	(38)	[1275.510]	ND	(3.9)	[129.7016]
Fluoranthene	ND	(26)	[123.7623]	NA	NA		ND	(270)	[1275.510]	ND	(27)	[129.7016]
Fluorene	ND	(26)	[123.7623]	NA	NA		1200	(270)	[1275.510]	150	(27)	[129.7016]
Indeno(1,2,3-cd)pyrene	5.6	(5.3)	[123.7623]	NA	NA		ND	(55)	[1275.510]	ND	(5.6)	[129.7016]
Naphthalene	ND	(220)	[123.7623]	NA	NA		23000	(2300)	[1275.510]	2800	(230)	[129.7016]
Phenanthrene	170	(79)	[123.7623]	NA	NA		6400	(820)	[1275.510]	960	(83)	[129.7016]
Pyrene	ND	(33)	[123.7623]	NA	NA		ND	(340)	[1275.510]	29 J	(35)	[129.7016]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	01		01		01		01		01	
	01-SD-01 0 - 0.5		01-SD-01 01-DS-01 Dup of 01-SD-01-01 0 - 0.5		01-SD-02 01-SD-02-01 0 - 0.5		01-SD-02 01-SD-02-01 0 - 0.5		01-SD-01 01-DS-03 Dup of 01-SD-02-01 0 - 0.5	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	280	(29)	[143]		120	(20)	[100]	340	(29)	[143]
Gasoline Range Organics (2)	ND	(14)	[145]		20 B	(13)	[133]	ND	(14)	[138]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	180	(4.9)	[488.9975]		290	(4.6)	[461.2120]	30	(0.48)	[47.60771]
4,4'-DDE	110	(4.9)	[488.9975]		170	(4.6)	[461.2120]	32	(0.48)	[47.60771]
4,4'-DDT	330	(9.8)	[488.9975]		480	(9.2)	[461.2120]	26	(0.95)	[47.25004]
Aldrin	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	0.8 B	(0.48)	[47.60771]
Chlordane	ND	(24)	[488.9975]		ND	(23)	[461.2120]	ND	(2.4)	[47.60771]
Dieldrin	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
Endosulfan I	3.8 KJ	(4.9)	[488.9975]		4.5 KJ	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
Endosulfan II	ND	(15)	[488.9975]		ND	(14)	[461.2120]	ND	(1.4)	[47.60771]
Endosulfan Sulfate	7 KJ	(24)	[488.9975]		7.2 KJ	(23)	[461.2120]	ND	(2.4)	[47.60771]
Endrin	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
Endrin Aldehyde	ND	(9.8)	[488.9975]		ND	(9.2)	[461.2120]	0.044 KJB	(0.95)	[47.25004]
Heptachlor	2.1 KJ	(4.9)	[488.9975]		2.3 KJ	(4.6)	[461.2120]	0.45 KJB	(0.48)	[47.60771]
Heptachlor epoxide	2 PJB	(4.9)	[488.9975]		2.2 PJB	(4.6)	[461.2120]	0.59 PB	(0.48)	[47.60771]
Methoxychlor	ND	(24)	[488.9975]		ND	(23)	[461.2120]	ND	(2.4)	[47.60771]
PCB-1016	ND	(49)	[488.9975]		ND	(46)	[461.2120]	ND	(4.8)	[47.60771]
PCB-1221	ND	(98)	[488.9975]		ND	(92)	[461.2120]	ND	(9.5)	[47.25004]
PCB-1232	ND	(98)	[488.9975]		ND	(92)	[461.2120]	ND	(9.5)	[47.25004]
PCB-1242	ND	(49)	[488.9975]		ND	(46)	[461.2120]	ND	(4.8)	[47.60771]
PCB-1248	ND	(49)	[488.9975]		ND	(46)	[461.2120]	ND	(4.8)	[47.60771]
PCB-1254	ND	(98)	[488.9975]		ND	(92)	[461.2120]	ND	(9.5)	[47.25004]
PCB-1260	ND	(240)	[488.9975]		ND	(230)	[461.2120]	ND	(24)	[47.60771]
Toxaphene	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	0.72 B	(0.48)	[47.60771]
alpha-BHC	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
beta-BHC	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	ND	(0.48)	[47.60771]
delta-BHC	ND	(4.9)	[488.9975]		ND	(4.6)	[461.2120]	1 B	(0.48)	[47.60771]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	01		01		01	
	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-02	01-SD-03
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	(4.9)	(4.9)	(4.6)	(4.6)	(0.48)	(0.47)
	[488.9975]	[488.9975]	[461.2120]	[461.2120]	[47.60771]	[47.25004]
gamma-BHC	ND	ND	ND	ND	0.79 B	0.92 B
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
1,1,2,2-Tetrachloroethane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
1,1,2-Trichloroethane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
1,1-Dichloroethane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
1,1-Dichloroethene	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
1,2-Dichloroethane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
1,2-Dichloropropane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
1,2-Dichloroethyl vinyl ether	ND	(15) [1.468428]	(14) [1.385041]	(14) [1.385041]	(14) [1.430615]	(14) [1.418439]
2-Chloroethyl vinyl ether	ND	(73) [1.468428]	(69) [1.385041]	(69) [1.385041]	(72) [1.430615]	(71) [1.418439]
2-Hexanone	ND	(73) [1.468428]	(69) [1.385041]	(69) [1.385041]	(72) [1.430615]	(71) [1.418439]
4-Methyl-2-pentanone (MIBK)	ND	(150) [1.468428]	(140) [1.385041]	(140) [1.385041]	(140) [1.430615]	(140) [1.418439]
Acetone	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Benzene	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Bromodichloromethane	ND	(15) [1.468428]	(14) [1.385041]	(14) [1.385041]	(14) [1.430615]	(14) [1.418439]
Bromomethane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Carbon disulfide	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Carbon tetrachloride	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Chlorobenzene	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Chloroethane	ND	(15) [1.468428]	(14) [1.385041]	(14) [1.385041]	(14) [1.430615]	(14) [1.418439]
Chloroform	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Chloromethane	ND	(15) [1.468428]	(14) [1.385041]	(14) [1.385041]	(14) [1.430615]	(14) [1.418439]
Dibromochloromethane	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Ethyl benzene	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Methyl ethyl ketone	ND	(150) [1.468428]	(140) [1.385041]	(140) [1.385041]	(140) [1.430615]	(140) [1.418439]
Methylene chloride	60	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Styrene	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Tetrachloroethene	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]
Toluene	ND	(7.3) [1.468428]	(6.9) [1.385041]	(6.9) [1.385041]	(7.2) [1.430615]	(7.1) [1.418439]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	01 01-SD-01 01-SD-01-01 0 - 0.5	01 01-SD-01 01-SD-01 Dup of 01-SD-01-01 0 - 0.5	01 01-SD-02 01-SD-02-01 0 - 0.5	01 01-SD-03 Dup of 01-SD-02-01 0 - 0.5	01 01-SD-01 01-SD-01 Dup of 01-SD-01-01 0 - 0.5	01 01-SD-01 01-SD-01 Dup of 01-SD-01-01 0 - 0.5	01 01-SD-02 01-SD-02-01 0 - 0.5	01 01-SD-03 Dup of 01-SD-02-01 0 - 0.5	01 01-SD-01 01-SD-01 Dup of 01-SD-01-01 0 - 0.5	01 01-SD-02 01-SD-02-01 0 - 0.5
Tribromomethane(Bromoform)	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]	ND	(7.2) [1.430615]	ND	(7.1) [1.418439]	ND	(7.1) [1.418439]
Trichloroethene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]	ND	(7.2) [1.430615]	ND	(7.1) [1.418439]	ND	(7.1) [1.418439]
Vinyl acetate	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]	ND	(7.2) [1.430615]	ND	(7.1) [1.418439]	ND	(7.1) [1.418439]
Vinyl chloride	ND	(15) [1.468428]	ND	(14) [1.385041]	ND	(14) [1.430615]	ND	(14) [1.418439]	ND	(14) [1.418439]
Xylenes	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]	ND	(7.2) [1.430615]	ND	(7.1) [1.418439]	ND	(7.1) [1.418439]
cis-1,3-Dichloropropene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]	ND	(7.2) [1.430615]	ND	(7.1) [1.418439]	ND	(7.1) [1.418439]
trans-1,2-Dichloroethene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]	ND	(7.2) [1.430615]	ND	(7.1) [1.418439]	ND	(7.1) [1.418439]
trans-1,3-Dichloropropene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]	ND	(7.2) [1.430615]	ND	(7.1) [1.418439]	ND	(7.1) [1.418439]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)										
Acenaphthene	16 J	(88) [49.01960]	ND	(83) [46.29629]	ND	(86) [47.55111]	ND	(85) [46.94835]	ND	(85) [46.94835]
Acenaphthylene	ND	(110) [49.01960]	ND	(110) [46.29629]	ND	(110) [47.55111]	ND	(110) [46.94835]	ND	(110) [46.94835]
Anthracene	ND	(32) [49.01960]	ND	(31) [46.29629]	ND	(31) [47.55111]	ND	(31) [46.94835]	ND	(31) [46.94835]
Benzo(a)anthracene	2.2	(0.64) [49.01960]	3.5	(0.6) [46.29629]	ND	(0.62) [47.55111]	1.5	(0.61) [46.94835]	1.5	(0.61) [46.94835]
Benzo(a)pyrene	2.7	(1.1) [49.01960]	3.6	(1.1) [46.29629]	0.73 J	(1.1) [47.55111]	2	(1.1) [46.94835]	2	(1.1) [46.94835]
Benzo(b)fluoranthene	5.5	(0.88) [49.01960]	6.6	(0.83) [46.29629]	0.96	(0.86) [47.55111]	1.9	(0.85) [46.94835]	1.9	(0.85) [46.94835]
Benzo(g,h,i)perylene	2.3 J	(3.7) [49.01960]	2.2 J	(3.5) [46.29629]	1.4 J	(3.6) [47.55111]	2.2 J	(3.6) [46.94835]	2.2 J	(3.6) [46.94835]
Benzo(k)fluoranthene	1.5	(0.83) [49.01960]	2.2	(0.79) [46.29629]	0.29 J	(0.81) [47.55111]	0.81	(0.8) [46.94835]	0.81	(0.8) [46.94835]
Chrysene	8.8	(7.4) [49.01960]	12	(6.9) [46.29629]	2.9 J	(7.1) [47.55111]	3 J	(7) [46.94835]	3 J	(7) [46.94835]
Dibenzo(a,h)anthracene	1.4 J	(1.5) [49.01960]	1.4	(1.4) [46.29629]	0.36 JB	(1.4) [47.55111]	0.52 J	(1.4) [46.94835]	0.52 J	(1.4) [46.94835]
Fluoranthene	8.3 J	(10) [49.01960]	14	(9.7) [46.29629]	ND	(10) [47.55111]	6.3 J	(9.9) [46.94835]	6.3 J	(9.9) [46.94835]
Fluorene	ND	(10) [49.01960]	ND	(9.7) [46.29629]	ND	(10) [47.55111]	ND	(9.9) [46.94835]	ND	(9.9) [46.94835]
Indeno(1,2,3-cd)pyrene	17	(2.1) [49.01960]	12	(2) [46.29629]	1.7 J	(2) [47.55111]	3.6	(2) [46.94835]	3.6	(2) [46.94835]
Naphthalene	ND	(88) [49.01960]	ND	(83) [46.29629]	ND	(86) [47.55111]	ND	(85) [46.94835]	ND	(85) [46.94835]
Phenanthrene	12 J	(31) [49.01960]	15 J	(30) [46.29629]	ND	(30) [47.55111]	ND	(30) [46.94835]	ND	(30) [46.94835]
Pyrene	7.8 J	(13) [49.01960]	13	(12) [46.29629]	ND	(13) [47.55111]	7.6 J	(13) [46.94835]	7.6 J	(13) [46.94835]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
			01	01	01	01	01	01	01	01
			01-SS-01	01-SS-02	01-SS-03	01-SS-04	01-SS-05	01-SS-06	01-SS-07	01-SS-08
			0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
<hr/>										
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	130	(21)	[104]	(21)	[103]	410	(24)	[118]	210	[113]
Gasoline Range Organics (2)	ND	(9.8)	[98.4]	(9.9)	[99.4]	13 B	(12)	[118]	370	[2180]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	150	(1)	[103.5947]	(0.35)	[34.55425]	55	(0.39)	[39.49447]	24	(0.38)
4,4'-DDE	38	(1)	[103.5947]	(0.35)	[34.55425]	5	(0.39)	[39.49447]	7.5	(0.38)
4,4'-DDT	400	(10)	[517.9736]	(0.69)	[34.55425]	2.9	(0.79)	[39.49447]	81	(3.8)
Aldrin	0.094 KJB	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	0.12 KJB	(0.38)
Chlordane	ND	(5.2)	[103.5947]	(1.7)	[34.55425]	ND	(2)	[39.49447]	ND	(1.9)
Dieldrin	ND	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND	(0.38)
Endosulfan I	3.2 P	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND	(0.38)
Endosulfan II	2.5 KJ	(3.1)	[103.5947]	(1)	[34.55425]	ND	(1.2)	[39.49447]	ND	(1.1)
Endosulfan Sulfate	ND	(5.2)	[103.5947]	(1.7)	[34.55425]	ND	(2)	[39.49447]	ND	(1.9)
Endrin	ND	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND	(0.38)
Endrin Aldehyde	1.6 KJ	(2.1)	[103.5947]	(0.69)	[34.55425]	1.5	(0.79)	[39.49447]	0.34 KJB	(0.76)
Heptachlor	0.48 JB	(1)	[103.5947]	(0.35)	[34.55425]	0.4 B	(0.39)	[39.49447]	0.28 JB	(0.38)
Heptachlor epoxide	0.21 PJB	(1)	[103.5947]	(0.35)	[34.55425]	0.67 PB	(0.39)	[39.49447]	0.17 PJB	(0.38)
Methoxychlor	0.89 KJ	(5.2)	[103.5947]	(1.7)	[34.55425]	1.3 KJ	(2)	[39.49447]	1.2 KJ	(1.9)
PCB-1016	ND	(10)	[103.5947]	(3.5)	[34.55425]	ND	(3.9)	[39.49447]	ND	(3.8)
PCB-1221	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)
PCB-1232	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)
PCB-1242	ND	(10)	[103.5947]	(3.5)	[34.55425]	ND	(3.9)	[39.49447]	ND	(3.8)
PCB-1248	ND	(10)	[103.5947]	(3.5)	[34.55425]	ND	(3.9)	[39.49447]	ND	(3.8)
PCB-1254	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)
PCB-1260	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)
Toxaphene	ND	(52)	[103.5947]	(17)	[34.55425]	ND	(20)	[39.49447]	ND	(19)
alpha-BHC	ND	(1)	[103.5947]	(0.35)	[34.55425]	0.5 PB	(0.39)	[39.49447]	0.61 B	(0.38)
beta-BHC	ND	(1)	[103.5947]	(0.35)	[34.55425]	6.1	(0.39)	[39.49447]	0.29 KJB	(0.38)
delta-BHC	ND	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND	(0.38)

Compiled: 23 March 1995

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ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	01		01		01	
	01-SS-01 0 - 0.5		01-SS-02 01-SS-02-01 0 - 0.5		01-SS-03 01-SS-03-01 0 - 0.5	
2.1	(1) [103.5947]	0.19 PJB	(0.35) [34.55425]	1.2 B	(0.39) [39.49447]	0.82 B
gamma-BHC						(0.38) [38.13882]
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,1,2,2-Tetrachloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	270 J
1,1,2-Trichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,1-Dichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,1-Dichloroethene	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,2-Dichloroethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
1,2-Dichloropropane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
2-Chloroethyl vinyl ether	ND	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND
2-Hexanone	ND	ND	(52) [1.038421]	ND	(5900) [118.4834]	3700 J
4-Methyl-2-pentanone(MIBK)	ND	ND	(52) [1.038421]	ND	(5900) [118.4834]	ND
Acetone	ND	ND	(100) [1.038421]	ND	(12000) [118.4834]	ND
Benzene	ND	ND	(5.2) [1.038421]	48 J	(590) [118.4834]	ND
Bromodichloromethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	500 J
Bromomethane	ND	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND
Carbon disulfide	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Carbon tetrachloride	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Chlorobenzene	ND	ND	(5.2) [1.038421]	55 J	(590) [118.4834]	ND
Chloroethane	ND	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND
Chloroform	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Chloromethane	ND	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND
Dibromochloromethane	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Ethyl benzene	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Methyl ethyl ketone	ND	ND	(100) [1.038421]	400 J	(12000) [118.4834]	15000
Methylene chloride	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Styrene	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Tetrachloroethene	ND	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND
Toluene	ND	ND	(5.2) [1.038421]	100 J	(590) [118.4834]	550 J

Compiled: 23 March 1995

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TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
			BEG. DEPTH - END DEPTH (FT.)							
			01	01	01	01	01	01	01	01
	01-SS-01	01-SS-02	01-SS-03	01-SS-04	01-SS-05	01-SS-06	01-SS-07	01-SS-08	01-SS-09	01-SS-10
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tribromomethane (Bromoform)	ND	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]		
Trichloroethene	ND	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]		
Vinyl acetate	ND	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	12000	(570) [114.8105]		
Vinyl chloride	ND	(11) [1.052631]	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND	(1100) [114.8105]		
Xylenes	ND	(5.3) [1.052631]	ND	(5.2) [1.038421]	77 J	(590) [118.4834]	120000	(1100) [114.8105]		
cis-1,3-Dichloropropene	ND	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]		
trans-1,2-Dichloroethene	ND	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]		
trans-1,3-Dichloropropene	ND	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]		
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)										
Acenaphthene	28 J	(63) [35.00542]	52 J	(62) [34.60207]	ND	(71) [39.37007]	ND	(69) [38.15337]		
Acenaphthylene	5.4 J	(81) [35.00542]	ND	(80) [34.60207]	ND	(91) [39.37007]	ND	(88) [38.15337]		
Anthracene	ND	(23) [35.00542]	ND	(23) [34.60207]	ND	(26) [39.37007]	ND	(25) [38.15337]		
Benzo(a)anthracene	ND	(4.5) [349.6503]	1.4	(0.45) [34.60207]	3.1 J	(5.1) [393.7007]	ND	(0.5) [38.15337]		
Benzo(a)pyrene	ND	(8) [349.6503]	4.2 J	(8) [346.0207]	8.8 J	(9.1) [393.7007]	ND	(0.88) [38.15337]		
Benzo(b)fluoranthene	ND	(6.3) [349.6503]	5.8 J	(6.2) [346.0207]	9.1	(7.1) [393.7007]	ND	(0.69) [38.15337]		
Benzo(g,h,i)perylene	20 J	(27) [349.6503]	34	(26) [346.0207]	47	(30) [393.7007]	4.2	(2.9) [38.15337]		
Benzo(k)fluoranthene	2.3 J	(5.9) [349.6503]	3.1 J	(5.9) [346.0207]	4.1 J	(6.7) [393.7007]	0.23 J	(0.65) [38.15337]		
Chrysene	ND	(52) [349.6503]	ND	(5.2) [34.60207]	ND	(59) [393.7007]	ND	(5.7) [38.15337]		
Dibenzo(a,h)anthracene	ND	(10) [349.6503]	ND	(10) [346.0207]	ND	(12) [393.7007]	ND	(1.1) [38.15337]		
Fluoranthene	ND	(7.4) [35.00542]	3.7 J	(7.3) [34.60207]	2.8 J	(8.3) [39.37007]	ND	(8) [38.15337]		
Fluorene	ND	(7.4) [35.00542]	9.1	(7.3) [34.60207]	2.1 J	(8.3) [39.37007]	ND	(8) [38.15337]		
Indeno(1,2,3-cd)pyrene	ND	(1.5) [35.00542]	8.9	(1.5) [34.60207]	ND	(1.7) [39.37007]	3.8	(1.6) [38.15337]		
Naphthalene	ND	(63) [35.00542]	4.9 J	(62) [34.60207]	67 J	(71) [39.37007]	8.8 J	(69) [38.15337]		
Phenanthrene	5.5 J	(22) [35.00542]	ND	(22) [34.60207]	11 J	(25) [39.37007]	ND	(24) [38.15337]		
Pyrene	ND	(9.5) [35.00542]	3.7 J	(9.3) [34.60207]	17	(11) [39.37007]	ND	(10) [38.15337]		

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		01			
	01-SS-05		01-SS-06		01-SS-07		01-SS-07		01-SS-07			
	01-SS-05-01 0 - 0.5		01-SS-06-01 0 - 0.5		01-SS-07-01 0 - 0.5		01-SS-07-01 0 - 0.5		01-SS-07-01 01-DS-02 Dup of 01-SS-07-01 0 - 0.5			

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	72000	(11000)	[55100]	220	(21)	[107]	15000	(4000)	[20200]	16000	(2100)	[10600]
Gasoline Range Organics (2)	ND	(11)	[109]	ND	(11)	[107]	130	(97)	[971]	140	(98)	[981]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	5.5	(0.37)	[36.7647]	17	(0.36)	[36.02305]	5.2	(0.34)	[33.67003]	5.1	(0.34)	[33.94433]
4,4'-DDE	1.1 P	(0.37)	[36.76470]	0.9	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
4,4'-DDT	1.9	(0.74)	[36.7647]	6.8	(0.72)	[36.02305]	0.52 JB	(0.67)	[33.67003]	0.39 JB	(0.68)	[33.94433]
Aldrin	33	(0.37)	[36.7647]	0.23 KJB	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Chlordane	ND	(1.8)	[36.7647]	ND	(1.8)	[36.02305]	ND	(1.7)	[33.67003]	ND	(1.7)	[33.94433]
Dieldrin	2.5 P	(0.37)	[36.7647]	0.25 JB	(0.36)	[36.02305]	0.96	(0.34)	[33.67003]	0.95	(0.34)	[33.94433]
Endosulfan I	2.9	(0.37)	[36.7647]	0.27 PJB	(0.36)	[36.02305]	0.29 PJB	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Endosulfan II	10	(1.1)	[36.7647]	ND	(1.1)	[36.02305]	0.12 PJB	(1)	[33.67003]	ND	(1)	[33.94433]
Endosulfan Sulfate	ND	(1.8)	[36.7647]	ND	(1.8)	[36.02305]	ND	(1.7)	[33.67003]	ND	(1.7)	[33.94433]
Endrin	6	(0.37)	[36.7647]	ND	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Endrin Aldehyde	3 P	(0.74)	[36.76470]	0.5 KJB	(0.72)	[36.02305]	ND	(0.67)	[33.67003]	ND	(0.68)	[33.94433]
Heptachlor	2.2 P	(0.37)	[36.76470]	0.096 PJB	(0.36)	[36.02305]	1.7	(0.34)	[33.67003]	1.5	(0.34)	[33.94433]
Heptachlor epoxide	10 P	(0.37)	[36.76470]	0.15 JB	(0.36)	[36.02305]	0.11 PJB	(0.34)	[33.67003]	0.94 PB	(0.34)	[33.94433]
Methoxychlor	ND	(1.8)	[36.76470]	0.24 KJ	(1.8)	[36.02305]	0.89 KJ	(1.7)	[33.67003]	0.96 KJ	(1.7)	[33.94433]
PCB-1016	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1221	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1232	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1242	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1248	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1254	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1260	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
Toxaphene	ND	(18)	[36.7647]	ND	(18)	[36.02305]	ND	(17)	[33.67003]	ND	(17)	[33.94433]
alpha-BHC	4.6 P	(0.37)	[36.76470]	0.83 B	(0.36)	[36.02305]	1.8 P	(0.34)	[33.67003]	6.1	(0.34)	[33.94433]
beta-BHC	2.3 P	(0.37)	[36.76470]	ND	(0.36)	[36.02305]	0.45 PB	(0.34)	[33.67003]	2.5 P	(0.34)	[33.94433]
delta-BHC	7.5	(0.37)	[36.7647]	ND	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	8.6	(0.34)	[33.94433]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	01		01		01		01	
	01-SS-05		01-SS-06		01-SS-07		01-SS-07	
	01-SS-05-01		01-SS-06-01		01-SS-07-01		01-SS-07-01	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
2 P	(0.37) [36.76470]		(0.36) [36.02305]		(0.34) [33.67003]		(0.34) [33.94433]	
	(5.5) [1.103752]		(5.4) [1.082251]		(5.00) [100.9998]		(510) [102.0408]	
gamma-BHC	ND	ND	ND	ND	ND	ND	ND	ND
SW8240 - Volatile Organics (ug/kg)	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	01				01				04			
	01-SS-08				01-SS-09				01-SS-10			
	01-SS-08-01				01-SS-09-01				01-SS-10-01			
BEG. DEPTH - END DEPTH (FT.)												
SAMPLE ID												
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RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6

Tribromomethane(Bromoform)	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
Trichloroethene	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
Vinyl acetate	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
Vinyl chloride	ND	(11) [1.071466]	(12) [1.228501]	ND (16) [1.620745]
Xylenes	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
cis-1,3-Dichloropropene	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
trans-1,2-Dichloroethene	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
trans-1,3-Dichloropropene	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
WS270 - Semivolatile Organics (mg/kg)	ND	(5.4) [1.071466]	(6.1) [1.228501]	ND (8.1) [1.620745]
1,2,4-Trichlorobenzene	NA		NA	(0.54) [0.053791]
1,2-Dichlorobenzene	NA		NA	(0.54) [0.053791]
1,3-Dichlorobenzene	NA		NA	(0.54) [0.053791]
1,4-Dichlorobenzene	NA		NA	(0.54) [0.053791]
2,4,5-Trichloropheno	NA		NA	(0.54) [0.053791]
2,4,6-Trichloropheno	NA		NA	(0.54) [0.053791]
2,4-Dichloropheno	NA		NA	(0.54) [0.053791]
2,4-Dimethylphenol	NA		NA	(0.54) [0.053791]
2,4-Dinitropheno	NA		NA	(0.54) [0.053791]
2,4-Dinitrotoluene	NA		NA	(2.7) [0.053791]
2,6-Dinitrotoluene	NA		NA	(0.54) [0.053791]
2-Chloronaphthalene	NA		NA	(0.54) [0.053791]
2-Chloropheno	NA		NA	(0.54) [0.053791]
2-Methylnaphthalene	NA		NA	(0.54) [0.053791]
2-Methylphenol (o-cresol)	NA		NA	(0.54) [0.053791]
2-Nitroaniline	NA		NA	(0.54) [0.053791]
2-Nitropheno	NA		NA	(2.7) [0.053791]
3,3'-Dichlorobenzidine	NA		NA	(0.54) [0.053791]
3-Nitroaniline	NA		NA	(1.1) [0.053791]
4,6-Dinitro-2-methylphenol	NA		NA	(2.7) [0.053791]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6

4-Bromophenyl phenyl ether	NA	NA	NA	ND (0.54) [0.053791]
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.54) [0.053791]
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.54) [0.053791]
4-Methylphenol (p-cresol)	NA	NA	NA	ND (0.54) [0.053791]
4-Nitroaniline	NA	NA	NA	ND (2.7) [0.053791]
4-Nitrophenol	NA	NA	NA	ND (2.7) [0.053791]
Acenaphthene	NA	NA	NA	ND (0.54) [0.053791]
Acenaphthylene	NA	NA	NA	ND (0.54) [0.053791]
Anthracene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(a)anthracene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(a)pyrene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(g,h,i)perylene	NA	NA	NA	ND (0.54) [0.053791]
Benzo(k)fluoranthene	NA	NA	NA	ND (0.54) [0.053791]
Benzoic acid	NA	NA	NA	ND (2.7) [0.053791]
Benzyl alcohol	NA	NA	NA	ND (0.54) [0.053791]
Butylbenzylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Chrysene	NA	NA	NA	ND (0.54) [0.053791]
Di-n-octylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Dibenz(a,h)anthracene	NA	NA	NA	ND (0.54) [0.053791]
Dibenzofuran	NA	NA	NA	ND (0.54) [0.053791]
Dibutylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Diethylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Dimethylphthalate	NA	NA	NA	ND (0.54) [0.053791]
Fluoranthene	NA	NA	NA	ND (0.54) [0.053791]
Fluorene	NA	NA	NA	ND (0.54) [0.053791]
Hexachlorobenzene	NA	NA	NA	ND (0.54) [0.053791]
Hexachlorobutadiene	NA	NA	NA	ND (0.54) [0.053791]
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.54) [0.053791]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6

Hexachloroethane	NA	NA	NA	ND
Indeno(1,2,3-cd)pyrene	NA	NA	NA	ND
Isophorone	NA	NA	NA	ND
N-Nitrosodiphenylamine	NA	NA	NA	ND
N-Nitrosodipropylamine	NA	NA	NA	ND
Naphthalene	NA	NA	NA	ND
Nitrobenzene	NA	NA	NA	ND
Pentachloropheno1	NA	NA	NA	ND
Phenanthrene	NA	NA	NA	ND
Pheno1	NA	NA	NA	ND
Pyrene	NA	NA	NA	ND
bis(2-Chloroethoxy)methane	NA	NA	NA	ND
bis(2-Chloroethyl) ether	NA	NA	NA	ND
bis(2-Chloroisopropyl) ether	NA	NA	NA	ND
bis(2-Ethylhexyl) phthalate	NA	NA	NA	ND
p-Chloroaniline	NA	NA	NA	ND
W8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	ND	(74) [40.84967]	(62) [34.36426]	(76) [42.01680]
Acenaphthylene	ND	(94) [40.84967]	(79) [34.36426]	(97) [42.01680]
Anthracene	ND	(27) [40.84967]	(23) [34.36426]	(28) [42.01680]
Benzo(a)anthracene	1.8	(0.53) [40.84967]	(0.45) [34.36426]	(0.026) [2.01680]
Benzo(a)pyrene	5.4	(0.94) [40.84967]	(7.9) [343.6426]	(0.97) [42.01680]
Benzo(b)fluoranthene	6.1	(0.74) [40.84967]	(6.2) [343.6426]	(0.76) [42.01680]
Benzo(g,h,i)perylene	4.6 J	(3.1) [40.84967]	(26) [343.6426]	(3.2) [42.01680]
Benzo(k)fluoranthene	2.6	(0.69) [40.84967]	(5.8) [343.6426]	(0.71) [42.01680]
Chrysene	ND	(6.1) [40.84967]	(5.2) [34.36426]	(6.3) [42.01680]
Dibenzo(a,h)anthracene	1.1 J	(1.2) [40.84967]	(1) [34.36426]	(1.3) [42.01680]
Fluoranthene	ND	(8.6) [40.84967]	(7.2) [34.36426]	(8.8) [42.01680]
Fluorene	3.5 J	(8.6) [40.84967]	(7.2) [34.36426]	(8.8) [42.01680]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	04	04	04	04	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-03	04-MW-04	04-MW-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5

SW8015MEWP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	52	(30)	[148]	67	(29)	[147]	170	(37)	[185]	ND	(21)	[103]
Gasoline Range Organics (2)	ND	(15)	[148]	ND	(15)	[150]	ND	(19)	[187]	ND	(10)	[103]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	ND	(0.5)	[49.80079]	0.11 PJB	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	0.95 B	(0.35)	[34.57814]
4,4'-DDE	ND	(0.5)	[49.80079]	0.22 KJB	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
4,4'-DDT	ND	(1)	[49.80079]	0.91 JB	(0.98)	[49.21259]	0.85 JB	(1.2)	[62.2665]	1.1 P	(0.69)	[34.57814]
Aldrin	ND	(0.5)	[49.80079]	1	(0.49)	[49.21259]	1.1	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Chlordane	ND	(2.5)	[49.80079]	ND	(2.5)	[49.21259]	ND	(3.1)	[62.2665]	ND	(1.7)	[34.57814]
Dieldrin	ND	(0.5)	[49.80079]	ND	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Endosulfan I	0.43 KJB	(0.5)	[49.80079]	0.34 KJB	(0.49)	[49.21259]	0.43 KJB	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Endosulfan II	1.4 KJB	(1.5)	[49.80079]	ND	(1.5)	[49.21259]	ND	(1.9)	[62.2665]	1.5	(1)	[34.57814]
Endosulfan Sulfate	0.068 PJB	(2.5)	[49.80079]	0.014 PJB	(2.5)	[49.21259]	0.21 PJB	(3.1)	[62.2665]	0.83 PJB	(1.7)	[34.57814]
Endrin	ND	(0.5)	[49.80079]	0.068 KJB	(0.49)	[49.21259]	0.062 KJB	(0.62)	[62.2665]	0.18 PJB	(0.35)	[34.57814]
Endrin Aldehyde	0.96 KJ	(1)	[49.80079]	ND	(0.98)	[49.21259]	ND	(1.2)	[62.2665]	1	(0.69)	[34.57814]
Heptachlor	0.44 PJB	(0.5)	[49.80079]	1 B	(0.49)	[49.21259]	1.1 P	(0.62)	[62.2665]	0.36 PB	(0.35)	[34.57814]
Heptachlor epoxide	ND	(0.5)	[49.80079]	0.84 PB	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Methoxychlor	ND	(2.5)	[49.80079]	0.16 KJ	(2.5)	[49.21259]	ND	(3.1)	[62.2665]	ND	(0.35)	[34.57814]
PCB-1016	ND	(5)	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(1.7)	[34.57814]
PCB-1221	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1232	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
PCB-1242	ND	(5)	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(6.9)	[34.57814]
PCB-1248	ND	(5)	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1254	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1260	ND	(10)	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
Toxaphene	ND	(25)	[49.80079]	ND	(25)	[49.21259]	ND	(31)	[62.2665]	ND	(17)	[34.57814]
alpha-BHC	ND	(0.5)	[49.80079]	ND	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
beta-BHC	0.44 KJ	(0.5)	[49.80079]	2.1	(0.49)	[49.21259]	0.8 PB	(0.62)	[62.2665]	0.23 PJ	(0.35)	[34.57814]
delta-BHC	0.52 B	(0.5)	[49.80079]	0.55 B	(0.49)	[49.21259]	0.63 PB	(0.62)	[62.2665]	ND	(0.35)	[34.57814]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detectable NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-04	04-MW-01	04-MW-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	4 - 6	0 - 0.5	0 - 0.5
<hr/>								
Tribromomethane (Bromoform)	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Trichloroethene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Vinyl acetate	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Vinyl chloride	ND	(15) [1.494768]	ND	(15) [1.477104]	ND	(19) [1.869158]	ND	(10) [1.037344]
Xylenes	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
cis-1,3-Dichloropropene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
trans-1,2-Dichloroethene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
trans-1,3-Dichloropropene	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
SW8270 - Semivolatile Organics (mg/kg)	ND	(7.5) [1.494768]	ND	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,2,4-Trichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
1,2-Dichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
1,3-Dichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
1,4-Dichlorobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4,5-Trichlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4,6-Trichlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4-Dichlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4-Dimethylphenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,4-Dinitrophenol	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
2,4-Dinitrotoluene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2,6-Dinitrotoluene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Chloronaphthalene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Chlorophenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Methylnaphthalene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Methylphenol (o-cresol)	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Nitroaniline	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
2-Nitrophenol	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
3,3'-Dichlorobenzidine	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
3-Nitroaniline	ND	(1) [0.049792]	ND	(0.98) [0.049089]	ND	(1.2) [0.062284]	ND	(0.69) [0.034497]
4,6-Dinitro-2-methylphenol	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-SD-01
	04-MW-02-02	04-MW-03-02	04-MW-04-02	04-SD-01-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5

4-Bromophenyl phenyl ether	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Chloro-3-methylphenol	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Chlorophenyl phenyl ether	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Methylphenol (p-cresol)	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
4-Nitroaniline	ND	(2.5) [0.049792]	ND	(3.1) [0.062284]
4-Nitrophenol	ND	(2.5) [0.049792]	ND	(3.1) [0.062284]
Acenaphthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Acenaphthylene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Anthracene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(a)anthracene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(a)pyrene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(b)fluoranthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(g,h,i)perylene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzo(k)fluoranthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Benzoic acid	0.11 J	(2.5) [0.049792]	ND	(3.1) [0.062284]
Benzyl alcohol	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Butylbenzylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Chrysene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Di-n-octylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dibenz(a,h)anthracene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dibenzofuran	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dibutylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Diethylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Dimethylphthalate	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Fluoranthene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Fluorene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Hexachlorobenzene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Hexachlorobutadiene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]
Hexachlorocyclopentadiene	ND	(0.5) [0.049792]	ND	(0.62) [0.062284]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-01	04-MW-02	04-MW-03	04-MW-04	04-MW-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
Hexachloroethane	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Indeno(1,2,3-cd)pyrene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Isophorone	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
N-Nitrosodiphenylamine	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
N-Nitrosodipropylamine	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Naphthalene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Nitrobenzene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Pentachlorophenol	ND	(2.5) [0.049792]	ND	(2.5) [0.049089]	ND	(3.1) [0.062284]	ND	(1.7) [0.034497]
Phenanthrene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Phenol	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
Pyrene	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Chloroethoxy)methane	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Chloroethyl) ether	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Chloroisopropyl) ether	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
bis(2-Ethylhexyl) phthalate	0.061 JB	(0.5) [0.049792]	0.1 JB	(0.49) [0.049089]	0.087 JB	(0.62) [0.062284]	0.06 JB	(0.34) [0.034497]
p-Chloroaniline	ND	(0.5) [0.049792]	ND	(0.49) [0.049089]	ND	(0.62) [0.062284]	ND	(0.34) [0.034497]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(90) [49.75124]	ND	(89) [49.21259]	ND	(74) [40.98360]	ND	(62) [34.48275]
Acenaphthylene	ND	(110) [49.75124]	ND	(110) [49.21259]	ND	(94) [40.98360]	ND	(79) [34.48275]
Anthracene	ND	(33) [49.75124]	ND	(32) [49.21259]	ND	(27) [40.98360]	ND	(23) [34.48275]
Benzo(a)anthracene	ND	(0.65) [49.75124]	ND	(0.64) [49.21259]	0.24 J	(0.53) [40.98360]	0.28 J	(0.45) [34.48275]
Benzo(a)pyrene	ND	(1.1) [49.75124]	ND	(1.1) [49.21259]	0.31 J	(0.94) [40.98360]	ND	(0.79) [34.48275]
Benzo(b)fluoranthene	0.7 J	(0.9) [49.75124]	0.53 J	(0.89) [49.21259]	ND	(0.74) [40.98360]	0.43 J	(0.62) [34.48275]
Benzo(g,h,i)perylene	ND	(3.8) [49.75124]	ND	(3.7) [49.21259]	ND	(3.1) [40.98360]	0.78 J	(2.6) [34.48275]
Benzo(k)fluoranthene	ND	(0.85) [49.75124]	ND	(0.84) [49.21259]	ND	(0.7) [40.98360]	0.06 JB	(0.59) [34.48275]
Chrysene	ND	(7.5) [49.75124]	ND	(7.4) [49.21259]	9.6	(6.1) [40.98360]	ND	(5.2) [34.48275]
Dibenzo(a,h)anthracene	ND	(1.5) [49.75124]	0.43 JB	(1.5) [49.21259]	ND	(1.2) [40.98360]	ND	(1) [34.48275]
Fluoranthene	ND	(10) [49.75124]	ND	(10) [49.21259]	ND	(8.6) [40.98360]	ND	(7.2) [34.48275]
Fluorene	ND	(10) [49.75124]	ND	(10) [49.21259]	1.1 JB	(8.6) [40.98360]	ND	(7.2) [34.48275]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04	04	04	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-MW-05	04-MW-06	04-MW-07	04-MW-08	04-MW-09	04-MW-10	04-MW-11
	5 - 6.5	5 - 6.5	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6
Indeno(1,2,3-cd)pyrene	0.71 J	(2.1) [49.75124]	0.78 J	(2.1) [49.21259]	1.1 J	(1.8) [40.98360]	ND	(1.5) [34.48275]	ND	(1.5) [34.48275]
Naphthalene	ND	(90) [49.75124]	ND	(89) [49.21259]	ND	(74) [40.98360]	ND	(62) [34.48275]	ND	(62) [34.48275]
Phenanthrene	ND	(32) [49.75124]	ND	(31) [49.21259]	ND	(26) [40.98360]	ND	(22) [34.48275]	ND	(22) [34.48275]
Pyrene	ND	(13) [49.75124]	ND	(13) [49.21259]	ND	(11) [40.98360]	ND	(9.3) [34.48275]	ND	(9.3) [34.48275]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				04			
	LOCATION ID				SAMPLE ID				04			
	04	04	04	04	04	04	04	04	04	04	04	04
	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02
	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	ND	(26)	[128]	ND	(26)	[132]	40	(30)	[151]	54	(32)	[160]
Gasoline Range Organics (2)	13 B	(13)	[129]	ND	(13)	[132]	ND	(15)	[152]	ND	(16)	[161]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	46	(0.43)	[43.02925]	49	(0.44)	[44.24778]	45	(0.5)	[50.37783]	3	(0.54)	[53.56186]
4,4'-DDE	37	(0.43)	[43.02925]	44	(0.44)	[44.24778]	40	(0.5)	[50.37783]	4.5	(0.54)	[53.56186]
4,4'-DDT	43	(0.86)	[43.02925]	45	(0.88)	[44.24778]	16	(1)	[50.37783]	2.5	(1.1)	[53.56186]
Aldrin	ND	(0.43)	[43.02925]	0.3 JB	(0.44)	[44.24778]	0.33 KJB	(0.5)	[50.37783]	ND	(0.54)	[53.56186]
Chlordane	ND	(2.2)	[43.02925]	ND	(2.2)	[44.24778]	ND	(2.5)	[50.37783]	ND	(2.7)	[53.56186]
Dieldrin	ND	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	ND	(0.5)	[50.37783]	ND	(0.54)	[53.56186]
Endosulfan I	0.47 B	(0.43)	[43.02925]	0.3 PJB	(0.44)	[44.24778]	0.51 B	(0.5)	[50.37783]	ND	(0.54)	[53.56186]
Endosulfan II	1.2 KJB	(1.3)	[43.02925]	ND	(1.3)	[44.24778]	1.1 KJB	(1.5)	[50.37783]	1.4 KJB	(1.6)	[53.56186]
Endosulfan Sulfate	0.56 PJB	(2.2)	[43.02925]	0.062 PJB	(2.2)	[44.24778]	0.3 PJB	(2.5)	[50.37783]	1.1 PJB	(2.7)	[53.56186]
Endrin	0.085 KJB	(0.43)	[43.02925]	0.18 PJB	(0.44)	[44.24778]	0.091 PJB	(0.5)	[50.37783]	ND	(0.54)	[53.56186]
Endrin Aldehyde	ND	(0.86)	[43.02925]	ND	(0.88)	[44.24778]	ND	(1)	[50.37783]	ND	(1.1)	[53.56186]
Heptachlor	0.4 PJB	(0.43)	[43.02925]	0.35 PJB	(0.44)	[44.24778]	0.43 PJB	(0.5)	[50.37783]	0.52 PJB	(0.54)	[53.56186]
Heptachlor epoxide	1.9 B	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	ND	(0.5)	[50.37783]	2.6 B	(0.54)	[53.56186]
Methoxychlor	1.5 KJ	(2.2)	[43.02925]	1.2 KJ	(2.2)	[44.24778]	0.11 KJ	(2.5)	[50.37783]	0.37 KJ	(2.7)	[53.56186]
PCB-1016	ND	(4.3)	[43.02925]	ND	(4.4)	[44.24778]	ND	(5)	[50.37783]	ND	(5.4)	[53.56186]
PCB-1221	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND	(11)	[53.56186]
PCB-1232	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND	(11)	[53.56186]
PCB-1242	ND	(4.3)	[43.02925]	ND	(4.4)	[44.24778]	ND	(5)	[50.37783]	ND	(5.4)	[53.56186]
PCB-1248	ND	(4.3)	[43.02925]	ND	(4.4)	[44.24778]	ND	(5)	[50.37783]	ND	(5.4)	[53.56186]
PCB-1254	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND	(11)	[53.56186]
PCB-1260	ND	(8.6)	[43.02925]	ND	(8.8)	[44.24778]	ND	(10)	[50.37783]	ND	(11)	[53.56186]
Toxaphene	ND	(22)	[43.02925]	ND	(22)	[44.24778]	ND	(25)	[50.37783]	ND	(27)	[53.56186]
alpha-BHC	ND	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	ND	(0.5)	[50.37783]	ND	(0.54)	[53.56186]
beta-BHC	0.94 B	(0.43)	[43.02925]	ND	(0.44)	[44.24778]	0.41 KJ	(0.5)	[50.37783]	3	(0.54)	[53.56186]
delta-BHC	0.4 KJB	(0.43)	[43.02925]	0.42 KJB	(0.44)	[44.24778]	0.41 PJB	(0.5)	[50.37783]	0.5 JB	(0.54)	[53.56186]

Compiled: 23 May 1995

() = Detection Limit [] = Factor

= Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	04	04	04	04	04	04
	04-SD-02	04-SD-02	04-SD-03	04-SD-03	04-SD-04	04-SD-04
	04-SD-02-01	04-SD-02-01	04-SD-03-01	04-SD-03-01	04-SD-04-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	1 B	1.2 B	1 B	1.2 B	1 B	1.2 B
	(0.43) [43.02925]	(0.44) [44.24778]	(0.44) [44.24778]	(0.5) [50.37783]	(0.54) [53.56186]	(0.54) [53.56186]
gamma-BHC	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
SW8240 - Volatile Organics (ug/kg)	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
1,1,1-Trichloroethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
1,1,2,2-Tetrachloroethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
1,1,2-Trichloroethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
1,1-Dichloroethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
1,1-Dichloroethene	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
1,2-Dichloroethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
1,2-Dichloropropane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
2-Chloroethyl vinyl ether	ND	ND	ND	(15) [1.512859]	ND	(16) [1.607717]
2-Hexanone	ND	ND	ND	(76) [1.512859]	ND	(80) [1.607717]
4-Methyl-2-pentanone(MIBK)	ND	ND	ND	(76) [1.512859]	ND	(80) [1.607717]
Acetone	ND	ND	ND	(150) [1.512859]	ND	(160) [1.607717]
Benzene	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Bromodichloromethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Bromomethane	ND	ND	ND	(15) [1.512859]	ND	(16) [1.607717]
Carbon disulfide	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Carbon tetrachloride	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Chlorobenzene	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Chloroethane	ND	ND	ND	(15) [1.512859]	ND	(16) [1.607717]
Chloroform	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Chloromethane	ND	ND	ND	(15) [1.512859]	ND	(16) [1.607717]
Dibromochloromethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Ethyl benzene	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Methyl ethyl ketone	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Methylene chloride	ND	ND	ND	(150) [1.512859]	ND	(160) [1.607717]
Styrene	2.9 JB	9.4 B	7.5 JB	(7.6) [1.512859]	12	(8) [1.607717]
Tetrachloroethane	ND	ND	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Toluene	ND	ND	24	(7.6) [1.512859]	7.5 J	(8) [1.607717]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor "ns" = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	04	04	04	04	04	04
	04-SD-02	04-SD-02	04-SD-02	04-SD-03	04-SD-04	04-SD-04
	04-SD-02-01	04-DS-01 Dup of 04-SD-02-01	04-SD-02-01	04-SD-03-01	04-SD-04-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
4-Chloro-3-methylphenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
4-Chlorophenyl phenyl ether	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
4-Methylphenol(p-cresol)	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	0.16 J	(0.54) [0.053537]
4-Nitroaniline	ND	(2.2) [0.043008]	ND	(2.2) [0.044311]	ND	(2.7) [0.053537]
4-Nitrophenol	ND	(2.2) [0.043008]	ND	(2.2) [0.044311]	ND	(2.7) [0.053537]
Acenaphthene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Acenaphthylene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Anthracene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Benzo(a)anthracene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Benzo(a)pyrene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Benzo(b)fluoranthene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Benzo(g,h,i)perylene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Benzo(k)fluoranthene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Benzoic acid	0.066 J	(2.2) [0.043008]	0.074 J	(2.2) [0.044311]	0.089 J	(2.7) [0.053537]
Benzyl alcohol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Butylbenzylphthalate	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Chrysene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Di-n-octylphthalate	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Dibenz(a,h)anthracene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Dibenzofuran	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Dibutylphthalate	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Diethylphthalate	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Dimethylphthalate	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Fluoranthene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Fluorene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Hexachlorobenzene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Hexachlorobutadiene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]
Hexachlorocyclopentadiene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.54) [0.053537]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	04	04	04	04	04	04	04	04
	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-03	04-SD-04	04-SD-04
	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-03-01	04-SD-04-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
Indeno(1,2,3-cd)pyrene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
Isophorone	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
N-Nitrosodiphenylamine	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
N-Nitrosodipropylamine	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
Naphthalene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
Nitrobenzene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
Pentachlorophenol	ND	(2.2) [0.043008]	ND	(2.2) [0.044311]	ND	(2.5) [0.050344]	ND	(2.7) [0.053537]
Phenanthrene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
Phenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	0.026 J	(0.5) [0.050344]	0.019 J	(0.54) [0.053537]
Pyrene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
bis(2-Chloroethoxy)methane	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
bis(2-Chloroethyl) ether	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
bis(2-Chloroisopropyl) ether	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
bis(2-Ethylhexyl) phthalate	0.032 JB	(0.43) [0.043008]	ND	(0.44) [0.044311]	0.13 J	(0.5) [0.050344]	0.097 JB	(0.54) [0.053537]
p-Chloroaniline	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(77) [43.01075]	ND	(80) [44.18912]	ND	(100) [55.37098]	ND	(96) [53.47593]
Acenaphthylene	ND	(99) [43.01075]	ND	(100) [44.18912]	ND	(130) [55.37098]	ND	(120) [53.47593]
Anthracene	ND	(28) [43.01075]	ND	(29) [44.18912]	ND	(37) [55.37098]	4.6 J	(35) [53.47593]
Benzo(a)anthracene	ND	(0.56) [43.01075]	ND	(0.57) [44.18912]	ND	(0.72) [55.37098]	16	(0.7) [53.47593]
Benzo(a)pyrene	ND	(0.99) [43.01075]	ND	(1) [44.18912]	ND	(1.3) [55.37098]	13	(1.2) [53.47593]
Benzo(b)fluoranthene	0.51 J	(0.77) [43.01075]	0.74 J	(0.8) [44.18912]	ND	(1) [55.37098]	15	(0.96) [53.47593]
Benzo(g,h,i)perylene	ND	(3.3) [43.01075]	ND	(3.4) [44.18912]	3.7 J	(4.2) [55.37098]	ND	(4.1) [53.47593]
Benzo(k)fluoranthene	ND	(0.73) [43.01075]	0.07 JB	(0.75) [44.18912]	ND	(0.94) [55.37098]	6.6	(0.91) [53.47593]
Chrysene	ND	(6.5) [43.01075]	ND	(6.6) [44.18912]	ND	(8.3) [55.37098]	26	(8) [53.47593]
Dibenzo(a,h)anthracene	ND	(1.3) [43.01075]	ND	(1.3) [44.18912]	ND	(1.7) [55.37098]	2.6	(1.6) [53.47593]
Fluoranthene	ND	(9) [43.01075]	ND	(9.3) [44.18912]	ND	(12) [55.37098]	35	(11) [53.47593]
Fluorene	ND	(9) [43.01075]	ND	(9.3) [44.18912]	ND	(12) [55.37098]	3 J	(11) [53.47593]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detectable NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-SD-02	04-SD-02	04-SD-03	04-SD-04
	04-SD-02-01	04-DS-01 Dup of 04-SD-02-01	04-SD-03-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Indeno(1,2,3-cd)pyrene	ND	(1.8) [43.01075]	1.1 J	(1.9) [44.18912]
Naphthalene	ND	(77) [43.01075]	ND	(80) [44.18912]
Phenanthrene	ND	(28) [43.01075]	ND	(28) [44.18912]
Pyrene	ND	(12) [43.01075]	ND	(12) [44.18912]
			0.86 J	(2.4) [55.37098]
			ND	(100) [55.37098]
			ND	(35) [55.37098]
			ND	(15) [55.37098]
			1.7 J	(2.3) [53.47593]
			ND	(96) [53.47593]
			31 J	(34) [53.47593]
			30	(14) [53.47593]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		04		04	
	04-SS-01		04-SS-02		04-SS-03		04-SS-04	
SW8015MEMP - Nonhalogenated Volatile Organics	120	(35)	[177]	NA	04-SS-01	04-SS-02	04-SS-03	04-SS-04
Diesel Range Organics (2)	ND	(18)	[178]	NA	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
Gasoline Range Organics (2)	ND	(18)	[178]	NA	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs	(ug/kg)							
4,4'-DDD	28	(0.59)	[59.24170]	NA	04-SS-01	04-SS-02	04-SS-03	04-SS-04
4,4'-DDE	36	(0.59)	[59.24170]	NA	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
4,4'-DDT	64	(1.2)	[59.24170]	NA	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Aldrin	ND	(0.59)	[59.24170]	0.47 JB	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
Chlordane	ND	(3)	[59.24170]	ND	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Dieldrin	ND	(0.59)	[59.24170]	ND	04-SS-01	04-SS-02	04-SS-03	04-SS-04
Endosulfan I	0.4 JB	(0.59)	[59.24170]	ND	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
Endosulfan II	1.5 KJ	(1.8)	[59.24170]	ND	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Endosulfan Sulfate	ND	(3)	[59.24170]	0.4 PJB	04-SS-01	04-SS-02	04-SS-03	04-SS-04
Endrin	0.4 PJB	(0.59)	[59.24170]	0.2 PJB	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
Endrin Aldehyde	ND	(1.2)	[59.24170]	0.96 KJ	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Heptachlor	1.2	(0.59)	[59.24170]	0.64 PB	04-SS-01	04-SS-02	04-SS-03	04-SS-04
Heptachlor epoxide	3.6 B	(0.59)	[59.24170]	2.6 B	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
Methoxychlor	ND	(3)	[59.24170]	ND	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
PCB-1016	ND	(5.9)	[59.24170]	ND	04-SS-01	04-SS-02	04-SS-03	04-SS-04
PCB-1221	ND	(12)	[59.24170]	ND	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
PCB-1232	ND	(12)	[59.24170]	ND	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
PCB-1242	ND	(5.9)	[59.24170]	ND	04-SS-01	04-SS-02	04-SS-03	04-SS-04
PCB-1248	ND	(5.9)	[59.24170]	ND	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
PCB-1254	ND	(12)	[59.24170]	ND	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
PCB-1260	ND	(12)	[59.24170]	ND	04-SS-01	04-SS-02	04-SS-03	04-SS-04
Toxaphene	ND	(30)	[59.24170]	ND	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01
alpha-BHC	0.43 JB	(0.59)	[59.24170]	ND	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
beta-BHC	ND	(0.59)	[59.24170]	0.67 P	04-SS-01	04-SS-02	04-SS-03	04-SS-04
delta-BHC	0.91 B	(0.59)	[59.24170]	ND	04-SS-01-01	04-SS-02-01	04-SS-03-01	04-SS-04-01

Compiled: 23 March 1995

() = Detection Limit

[] = Factor

NA = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	04	04	04	04	04	04	04	04	04	
	04-SS-01	04-SS-01	04-SS-02	04-SS-01	04-SS-02	04-SS-03	04-SS-03	04-SS-03	04-SS-03	
	04-SS-01-01	04-SS-01 Dup of 04-SS-01-01	04-SS-02 Dup of 04-SS-01-01	04-SS-02 Dup of 04-SS-01-01	04-SS-02 Dup of 04-SS-01-01	04-SS-03 Dup of 04-SS-01-01	04-SS-03 Dup of 04-SS-01-01	04-SS-03 Dup of 04-SS-01-01	04-SS-03 Dup of 04-SS-01-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	

gamma-BHC	1.6	(0.59)	[59.24170]	NA	ND	(0.54)	[53.85029]	1.3 B	(0.55)	[54.52562]
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
1,1,2,2-Tetrachloroethane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
1,1,2-Trichloroethane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
1,1-Dichloroethane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
1,1-Dichloroethene	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
1,2-Dichloroethane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
1,2-Dichloropropane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
2-Chloroethyl vinyl ether	ND	(18)	[1.779359]	NA	ND	(16)	[1.618122]	ND	(16)	[1.636661]
2-Hexanone	ND	(89)	[1.779359]	NA	ND	(81)	[1.618122]	ND	(82)	[1.636661]
4-Methyl-2-pentanone(MIBK)	ND	(89)	[1.779359]	NA	ND	(81)	[1.618122]	ND	(82)	[1.636661]
Acetone	ND	(180)	[1.779359]	NA	ND	(160)	[1.618122]	ND	(160)	[1.636661]
Benzene	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Bromodichloromethane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Bromomethane	ND	(18)	[1.779359]	NA	ND	(16)	[1.618122]	ND	(16)	[1.636661]
Carbon disulfide	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Carbon tetrachloride	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Chlorobenzene	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Chloroethane	ND	(18)	[1.779359]	NA	ND	(16)	[1.618122]	ND	(16)	[1.636661]
Chloroform	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Chloromethane	ND	(18)	[1.779359]	NA	ND	(16)	[1.618122]	ND	(16)	[1.636661]
Dibromochloromethane	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Ethyl benzene	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Methyl ethyl ketone	ND	(180)	[1.779359]	NA	ND	(160)	[1.618122]	ND	(160)	[1.636661]
Methylene chloride	14	(8.9)	[1.779359]	NA	8.8 B	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Styrene	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Tetrachloroethene	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]
Toluene	ND	(8.9)	[1.779359]	NA	ND	(8.1)	[1.618122]	ND	(8.2)	[1.636661]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	04	04	04	04	04	04	04	04	04	04
	04-SS-01	04-SS-01	04-SS-01	04-SS-01	04-SS-01	04-SS-01	04-SS-01	04-SS-01	04-SS-01	04-SS-01
	04-SS-01-01	04-SS-01-01	04-SS-01-01	04-SS-01-01	04-SS-01-01	04-SS-01-01	04-SS-01-01	04-SS-01-01	04-SS-01-01	04-SS-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Chloro-3-methylphenol	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Chlorophenyl phenyl ether	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Methylphenol(p-cresol)	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Nitroaniline	ND	(3) [0.059154]	ND	(2.8) [0.056212]	ND	(2.7) [0.053811]	ND	(2.7) [0.053811]	ND	(2.7) [0.054464]
4-Nitrophenol	ND	(3) [0.059154]	ND	(2.8) [0.056212]	ND	(2.7) [0.053811]	ND	(2.7) [0.053811]	ND	(2.7) [0.054464]
Acenaphthene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Acenaphthylene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Anthracene	ND	(0.59) [0.059154]	0.026 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(a)anthracene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(a)pyrene	0.021 J	(0.59) [0.059154]	0.039 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(b)fluoranthene	0.029 J	(0.59) [0.059154]	0.029 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(g,h,i)perylene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(k)fluoranthene	0.019 J	(0.59) [0.059154]	0.016 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzoic acid	0.24 J	(3) [0.059154]	0.27 J	(2.8) [0.056212]	0.096 J	(2.7) [0.053811]	0.12 J	(2.7) [0.053811]	0.12 J	(2.7) [0.054464]
Benzyl alcohol	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Butylbenzylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Chrysene	0.045 J	(0.59) [0.059154]	0.045 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Di-n-octylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibenz(a,h)anthracene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibenzofuran	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Diethylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dimethylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dimethylphthalate	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Fluoranthene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Fluorene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorobenzene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorobutadiene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorocyclopentadiene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		04		04	
	04-SS-01	04-SS-01-01	04-SS-01	04-SS-01-01	04-SS-01	04-SS-01-01	04-SS-02	04-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Indeno(1,2,3-cd)pyrene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Isophorone	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
N-Nitrosodiphenylamine	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
N-Nitrosodipropylamine	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Naphthalene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Nitrobenzene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Pentachlorophenol	ND	(3) [0.059154]	ND	(2.8) [0.056212]	ND	(2.7) [0.053811]	ND	(2.7) [0.054464]
Phenanthrene	ND	(0.59) [0.059154]	0.014 J	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Phenol	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Pyrene	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Chloroethoxy)methane	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Chloroethyl)ether	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Chloroisopropyl)ether	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Ethylhexyl)phthalate	0.2 J	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
p-Chloroaniline	ND	(0.59) [0.059154]	0.084 JB	(0.56) [0.056212]	ND	(0.54) [0.053811]	0.051 JB	(0.54) [0.054464]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)	ND	(0.59) [0.059154]	ND	(0.56) [0.056212]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Acenaphthene	ND	(110) [59.17159]	ND	(100) [56.24296]	ND	(97) [53.90835]	ND	(98) [54.40696]
Acenaphthylene	ND	(140) [59.17159]	ND	(130) [56.24296]	ND	(120) [53.90835]	ND	(130) [54.40696]
Anthracene	ND	(39) [59.17159]	ND	(37) [56.24296]	ND	(36) [53.90835]	ND	(36) [54.40696]
Benzo(a)anthracene	1.6	(0.77) [59.17159]	0.63 J	(0.73) [56.24296]	ND	(0.7) [53.90835]	0.39 J	(0.71) [54.40696]
Benzo(a)pyrene	6.9	(1.4) [59.17159]	1.8	(1.3) [56.24296]	ND	(1.2) [53.90835]	ND	(1.3) [54.40696]
Benzo(b)fluoranthene	9	(1.1) [59.17159]	2.7	(1) [56.24296]	0.99	(0.97) [53.90835]	0.67 J	(0.98) [54.40696]
Benzo(g,h,i)perylene	3.4 J	(4.5) [59.17159]	2.3 J	(4.3) [56.24296]	1.3 J	(4.1) [53.90835]	ND	(4.1) [54.40696]
Benzo(k)fluoranthene	3.1	(1) [59.17159]	0.78 J	(0.96) [56.24296]	0.085 JB	(0.92) [53.90835]	ND	(0.92) [54.40696]
Chrysene	11	(8.9) [59.17159]	2.4 J	(8.4) [56.24296]	ND	(8.1) [53.90835]	ND	(8.2) [54.40696]
Dibenzo(a,h)anthracene	3.3	(1.8) [59.17159]	0.81 J	(1.7) [56.24296]	ND	(1.6) [53.90835]	0.63 J	(1.6) [54.40696]
Fluoranthene	5 J	(12) [59.17159]	ND	(12) [56.24296]	ND	(11) [53.90835]	ND	(11) [54.40696]
Fluorene	ND	(12) [59.17159]	ND	(12) [56.24296]	ND	(11) [53.90835]	ND	(11) [54.40696]

Compiled: 23 March 1995

() = Detection Limit [] = Factor

NA = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID			BEG. DEPTH - END DEPTH (FT.)		
	04			04			04			04		
	04-SS-01			04-SS-01			04-SS-02			04-SS-03		
	0 - 0.5			0 - 0.5			0 - 0.5			0 - 0.5		
	04-SS-01-01			04-SS-02 Dup of 04-SS-01-01			04-SS-02-01			04-SS-03-01		
	0 - 0.5			0 - 0.5			0 - 0.5			0 - 0.5		
Indeno(1,2,3-cd)pyrene	9.2	(2.5)	[59.17159]	2.5	(2.4)	[56.24296]	ND	(2.3)	[53.90835]	2 J	(2.3)	[54.40696]
Naphthalene	ND	(110)	[59.17159]	ND	(100)	[56.24296]	ND	(97)	[53.90835]	ND	(98)	[54.40696]
Phenanthrene	ND	(38)	[59.17159]	ND	(36)	[56.24296]	ND	(35)	[53.90835]	ND	(35)	[54.40696]
Pyrene	5.2 J	(16)	[59.17159]	ND	(15)	[56.24296]	ND	(15)	[53.90835]	ND	(15)	[54.40696]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-MW-01	05-MW-02	05-MW-03	05-MW-03	05-MW-02	05-MW-03	05-MW-03	05-MW-03	05-MW-03	05-MW-03
	05-MW-01-02	05-MW-02-02	05-MW-03-02	05-MW-03-02	05-MW-02-02	05-MW-03-02	05-MW-03-02	05-MW-03-02	05-MW-03-02	05-MW-03-02
	0 - 0.5	7 - 9	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12	8 - 12

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	27	[128]	ND	[115]	ND	[123]	ND	[122]	ND	[123]
Diesel Range Organics (2)	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Gasoline Range Organics (2)	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
SW8240 - Volatile Organics (ug/kg)	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
1,1,1-Trichloroethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
1,1,2,2-Tetrachloroethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
1,1,2-Trichloroethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
1,1-Dichloroethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
1,1-Dichloroethene	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
1,2-Dichloroethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
1,2-Dichloropropane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
2-Chloroethyl vinyl ether	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
2-Hexanone	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
4-Methyl-2-pentanone(MIBK)	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Acetone	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Benzene	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Bromodichloromethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Bromomethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Carbon disulfide	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Carbon tetrachloride	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Chlorobenzene	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Chloroethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Chloroform	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Chloromethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Dibromochloromethane	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Ethyl benzene	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Methyl ethyl ketone	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Methylene chloride	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]
Styrene	ND	[128]	ND	[114]	ND	[120]	ND	[120]	ND	[116]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		05		05	
	05-MW-01		05-MW-02		05-MW-03		05-MW-02		05-MW-03	
	0 - 0.5		7 - 9		8 - 12		05-DS-02 Dup of 05-MW-03-02		8 - 12	
Tetrachloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	ND	(120) [24.57002]
Toluene	340	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	1600	(6.1) [1.228501]	ND	(120) [24.57002]
Tribromomethane (Bromoform)	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	ND	(120) [24.57002]
Trichloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	ND	(120) [24.57002]
Vinyl acetate	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	ND	(120) [24.57002]
Vinyl chloride	ND	(260) [25.70694]	ND	(12) [1.156069]	ND	(250) [24.57002]	ND	(12) [1.228501]	ND	(250) [24.57002]
Xylenes	350	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	1300	(6.1) [1.228501]	ND	(120) [24.57002]
cis-1,3-Dichloropropene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	ND	(120) [24.57002]
trans-1,2-Dichloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	ND	(120) [24.57002]
trans-1,3-Dichloropropene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	ND	(120) [24.57002]
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
1,2-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
1,3-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
1,4-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4,5-Trichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4,6-Trichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4-Dichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4-Dimethylphenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,4-Dinitrophenol	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	(2) [0.04095]	ND	(2) [0.04095]	ND	(2) [0.04095]
2,4-Dinitrotoluene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2,6-Dinitrotoluene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Chloronaphthalene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Chlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Methylnaphthalene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Methylphenol (o-cresol)	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
2-Nitroaniline	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	(2) [0.04095]	ND	(2) [0.04095]	ND	(2) [0.04095]
2-Nitrophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
3,3'-Dichlorobenzidine	ND	(0.86) [0.042844]	ND	(0.77) [0.038535]	ND	(0.82) [0.04095]	ND	(0.82) [0.04095]	ND	(0.82) [0.04095]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05				05			
	LOCATION ID				05-MW-01				05-MW-02				05-MW-03			
	SAMPLE ID				05-MW-01-02				05-MW-02-02				05-MW-03-02			
	BEG. DEPTH - END DEPTH (FT.)				0 - 0.5				7 - 9				8 - 12			
3-Nitroaniline	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
4,6-Dinitro-2-methylphenol	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
4-Bromophenyl phenyl ether	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Chloro-3-methylphenol	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Chlorophenyl phenyl ether	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Methylphenol (p-cresol)	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
4-Nitroaniline	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
4-Nitrophenol	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
Acenaphthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Acenaphthylene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Anthracene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(a)anthracene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(a)pyrene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(b)fluoranthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(g,h,i)perylene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzo(k)fluoranthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Benzoic acid	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2.1)	[0.042844]	ND	(1.9)	[0.038535]	ND	(2)	[0.04095]	ND
Benzyl alcohol	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Butylbenzylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Chrysene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Di-n-octylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dibenz(a,h)anthracene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dibenzofuran	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dibutylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Diethylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Dimethylphthalate	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Fluoranthene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Fluorene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND
Hexachlorobenzene	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.43)	[0.042844]	ND	(0.39)	[0.038535]	ND	(0.41)	[0.04095]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-MW-01	05-MW-02	05-MW-03	05-MW-03	05-MW-02	05-MW-03	05-MW-03	05-MW-03
	0 - 0.5	7 - 9	8 - 12	8 - 12	05-MW-02-02	05-MW-03-02	05-MW-03-02	05-MW-03-02
Hexachlorobutadiene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Hexachlorocyclopentadiene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Hexachloroethane	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Indeno(1,2,3-cd)pyrene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Isophorone	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
N-Nitrosodiphenylamine	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
N-Nitrosodipropylamine	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Naphthalene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Nitrobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Pentachlorophenol	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	(2) [0.04095]	ND	(2) [0.04095]
Phenanthrene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Phenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
Pyrene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
bis(2-Chloroethoxy)methane	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
bis(2-Chloroethyl)ether	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
bis(2-Chloroisopropyl)ether	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
bis(2-Ethylhexyl)phthalate	ND	(0.43) [0.042844]	0.033 JB	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]
p-Chloroaniline	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-MW-07	05-MW-08	05-MW-09	05-MW-10	05-MW-11	05-MW-12	05-MW-13
	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-MW-07-02	05-MW-08-02	05-MW-09-02	05-MW-10-02	05-MW-11-02	05-MW-12-02	05-MW-13-02
	8 - 10	5 - 7	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9
<hr/>										
SW8015MEMP - Nonhalogenated Volatile Organics (ug/kg)										
Diesel Range Organics (2)	7600	(2500)	[12700]	(30)	[152]	ND	ND	(25)	[123]	3400
Gasoline Range Organics (2)	8200	(4900)	[48800]	(6100)	[61300]	ND	13 B	(12)	[124]	17000
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
1,1,2,2-Tetrachloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
1,1,2-Trichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
1,1-Dichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
1,1-Dichloroethene	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
1,2-Dichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
1,2-Dichloropropane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
2-Chloroethyl vinyl ether	ND	(64000)	[6410.256]	(7700)	[1533.742]	ND	ND	(12)	[1.240694]	ND
2-Hexanone	ND	(320000)	[6410.256]	(77000)	[1533.742]	ND	ND	(62)	[1.240694]	ND
4-Methyl-2-pentanone(MIBK)	ND	(320000)	[6410.256]	(77000)	[1533.742]	ND	ND	(62)	[1.240694]	ND
Acetone	ND	(640000)	[6410.256]	(150000)	[1533.742]	ND	ND	(120)	[1.240694]	ND
Benzene	160000	(32000)	[6410.256]	(7700)	[1533.742]	76000	ND	(6.2)	[1.240694]	ND
Bromodichloromethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
Bromomethane	ND	(64000)	[6410.256]	(15000)	[1533.742]	ND	ND	(12)	[1.240694]	ND
Carbon disulfide	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
Carbon tetrachloride	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
Chlorobenzene	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
Chloroethane	ND	(64000)	[6410.256]	(15000)	[1533.742]	ND	ND	(12)	[1.240694]	ND
Chloroform	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
Chloromethane	ND	(64000)	[6410.256]	(15000)	[1533.742]	ND	ND	(12)	[1.240694]	ND
Dibromochloromethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND
Ethyl benzene	100000	(32000)	[6410.256]	(7700)	[1533.742]	83000	ND	(6.2)	[1.240694]	ND
Methyl ethyl ketone	ND	(640000)	[6410.256]	(150000)	[1533.742]	38000 J	ND	(120)	[1.240694]	14000
Methylene chloride	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	1.8 JB	(6.2)	[1.240694]	ND
Styrene	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-SB-01	05-MW-04	05-MW-05	05-MW-06	05-SB-01	05-MW-04	05-MW-05
	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-SB-01-01	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-SB-01-01	05-MW-04-02	05-MW-05-02
	8 - 10	5 - 7	7 - 9	2 - 4	8 - 10	5 - 7	7 - 9	2 - 4	8 - 10	5 - 7
Tetrachloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Toluene	640000	(32000)	[6410.256]	360000	(7700)	[1533.742]	0.32 JB	(6.2)	[1.240694]	20000
Tribromomethane (Bromoform)	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Trichloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Vinyl acetate	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
Vinyl chloride	ND	(64000)	[6410.256]	ND	(15000)	[1533.742]	ND	(12)	[1.240694]	ND
Xylenes	480000	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	120000
cis-1,3-Dichloropropene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
trans-1,2-Dichloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
trans-1,3-Dichloropropene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
SW8270 - Semivolatile Organics (mg/kg)	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND
1,2,4-Trichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
1,2-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
1,3-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
1,4-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4,5-Trichlorophenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4,6-Trichlorophenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4-Dichlorophenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4-Dimethylphenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,4-Dinitrophenol	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND
2,4-Dinitrotoluene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2,6-Dinitrotoluene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Chloronaphthalene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Chlorophenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Methylnaphthalene	15	(12)	[1.173708]	130	(15)	[1.526111]	ND	(0.41)	[0.041246]	3 J
2-Methylphenol (o-cresol)	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
2-Nitroaniline	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND
2-Nitrophenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND
3,3'-Dichlorobenzidine	ND	(23)	[1.173708]	ND	(3.1)	[0.152611]	ND	(0.82)	[0.041246]	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID														
	LOCATION ID		SAMPLE ID												
	BEG. DEPTH - END DEPTH (FT.)														
	05														
	05-MW-04		05-MW-05		05-MW-06		05-SB-01		05-SB-01-01		05-SB-01-01		05-SB-01-01		
	8 - 10		5 - 7		7 - 9		2 - 4		2 - 4		2 - 4		2 - 4		
3-Nitroaniline	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND	(59)	[1.184328]	ND	(59)	[1.184328]
4,6-Dinitro-2-methylphenol	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND	(59)	[1.184328]	ND	(59)	[1.184328]
4-Bromophenyl phenyl ether	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
4-Chloro-3-methylphenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
4-Chlorophenyl phenyl ether	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
4-Methylphenol(p-cresol)	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
4-Nitroaniline	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND	(59)	[1.184328]	ND	(59)	[1.184328]
4-Nitrophenol	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND	(59)	[1.184328]	ND	(59)	[1.184328]
Acenaphthene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Acenaphthylene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Anthracene	ND	(12)	[1.173708]	0.084 J	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Benzo(a)anthracene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Benzo(a)pyrene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Benzo(b)fluoranthene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Benzo(g,h,i)perylene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Benzo(k)fluoranthene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Benzoic acid	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND	(59)	[1.184328]	ND	(59)	[1.184328]
Benzyl alcohol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Butylbenzylphthalate	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Chrysene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Di-n-octylphthalate	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Dibenz(a,h)anthracene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Dibenzofuran	ND	(12)	[1.173708]	0.86 J	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Dibutylphthalate	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Diethylphthalate	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Dimethylphthalate	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Fluoranthene	ND	(12)	[1.173708]	0.16 J	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Fluorene	ND	(12)	[1.173708]	2.3	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]
Hexachlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]	ND	(12)	[1.184328]

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05	05	05	05	05	05
	05-MW-04	05-MW-05	05-MW-06	05-SB-01	05-SB-01-01	05-SB-01-01
	05-MW-04-02	05-MW-05-02	05-MW-06-02	05-SB-01-01	05-SB-01-01	05-SB-01-01
	8 - 10	5 - 7	7 - 9	2 - 4	2 - 4	2 - 4
	8 - 10	5 - 7	7 - 9	2 - 4	2 - 4	2 - 4
Hexachlorobutadiene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Hexachlorocyclopentadiene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Hexachloroethane	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Indeno(1,2,3-cd)pyrene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Isophorone	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
N-Nitrosodiphenylamine	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
N-Nitrosodipropylamine	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Naphthalene	2.6 J	(12) [1.173708]	79	(15) [1.526111]	ND	(12) [1.184328]
Nitrobenzene	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Pentachlorophenol	ND	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(59) [1.184328]
Phenanthrene	ND	(12) [1.173708]	0.85 J	(1.5) [0.152611]	ND	(12) [1.184328]
Phenol	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
Pyrene	ND	(12) [1.173708]	0.16 J	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Chloroethoxy)methane	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Chloroethyl) ether	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Chloroisopropyl) ether	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
bis(2-Ethylhexyl) phthalate	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]
p-Chloroaniline	ND	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(12) [1.184328]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01-03	05-SB-02-01	05-SB-02	05-SB-02	05-SB-02	05-SB-02
	5 - 7	8 - 10	2 - 4	5 - 7	2 - 4	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	ND	[130]	38	(26)	[135]	1800	(590)	[2960]	16000	(2600) [12900]
Gasoline Range Organics (2)	ND	[49300]	53	(4900)	[127]	15000	(5000)	[50400]	14000	(5200) [51600]
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
1,1,2,2-Tetrachloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
1,1,2-Trichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
1,1-Dichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
1,1-Dichloroethene	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
1,2-Dichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
1,2-Dichloropropane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
2-Chloroethyl vinyl ether	ND	(13) [1.300390]	ND	(65)	[1.358695]	ND	(59000)	[5931.198]	ND	(65000) [6476.683]
2-Hexanone	ND	(65) [1.300390]	ND	(65)	[1.358695]	ND	(300000)	[5931.198]	ND	(320000) [6476.683]
4-Methyl-2-pentanone (MIBK)	ND	(130) [1.300390]	ND	(6.5) [1.300390]	[5931.198]	ND	(300000)	[5931.198]	ND	(650000) [6476.683]
Acetone	230	(6.5) [1.300390]	92	(6.5) [1.300390]	[5931.198]	100000	(30000)	[5931.198]	200000	(32000) [6476.683]
Benzene	20	(6.5) [1.300390]	ND	(6.5) [1.300390]	[5931.198]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Bromodichloromethane	ND	(13) [1.300390]	ND	(6.5) [1.300390]	[5931.198]	ND	(59000)	[5931.198]	ND	(65000) [6476.683]
Bromomethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Carbon disulfide	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Carbon tetrachloride	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Chlorobenzene	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Chloroethane	ND	(13) [1.300390]	ND	(6.5) [1.300390]	[5931.198]	ND	(59000)	[5931.198]	ND	(65000) [6476.683]
Chloroform	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Chloromethane	ND	(13) [1.300390]	ND	(6.5) [1.300390]	[5931.198]	ND	(59000)	[5931.198]	ND	(65000) [6476.683]
Dibromochloromethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Ethyl benzene	170	(6.5) [1.300390]	130	(6.5) [1.300390]	[5931.198]	74000	(30000)	[5931.198]	120000	(32000) [6476.683]
Methyl ethyl ketone	50 JB	(130) [1.300390]	18 JB	(130) [1.300390]	[5931.198]	ND	(590000)	[5931.198]	ND	(650000) [6476.683]
Methylene chloride	9.7 B	(6.5) [1.300390]	12	(6.5) [1.300390]	[5931.198]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]
Styrene	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND	(32000) [6476.683]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01
	05-SB-01-02	05-SB-01-02	05-SB-01-02	05-SB-01-02	05-SB-01-02	05-SB-01-02	05-SB-01-02	05-SB-01-02	05-SB-01-02	05-SB-01-02
	5 - 7	5 - 7	8 - 10	2 - 4	5 - 7	5 - 7	2 - 4	5 - 7	5 - 7	5 - 7
Tetrachloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Toluene	2100	(130) [26.00780]	520	(140) [27.17391]	710000	(30000) [5931.198]	620000	(32000) [6476.683]		
Tribromomethane(Bromoform)	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Trichloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Vinyl acetate	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
Vinyl chloride	ND	(13) [1.300390]	ND	(14) [1.358695]	ND	(59000) [5931.198]	ND	(65000) [6476.683]		
Xylenes	1100	(6.5) [1.300390]	600	(6.8) [1.358695]	1500000	(30000) [5931.198]	490000	(32000) [6476.683]		
cis-1,3-Dichloropropene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
trans-1,2-Dichloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
trans-1,3-Dichloropropene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]		
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
1,2-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
1,3-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
1,4-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4,5-Trichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4,6-Trichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4-Dichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4-Dimethylphenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,4-Dinitrophenol	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	ND	(62) [1.245516]		
2,4-Dinitrotoluene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2,6-Dinitrotoluene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Chloronaphthalene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Chlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Methylnaphthalene	0.044 J	(0.43) [0.043346]	ND	(0.45) [0.045289]	22	(12) [1.16298]	140	(12) [1.245516]		
2-Methylphenol (o-cresol)	0.078 J	(0.43) [0.043346]	0.084 J	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
2-Nitroaniline	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	ND	(62) [1.245516]		
2-Nitrophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]		
3,3'-Dichlorobenzidine	ND	(0.87) [0.043346]	ND	(0.91) [0.045289]	ND	(23) [1.16298]	ND	(25) [1.245516]		

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)			05			05			05		
	LOCATION ID			SAMPLE ID			05-SB-01			05-SB-02			05-SB-02		
							05-SB-01-03			05-SB-02-01			05-SB-02-02		
							8 - 10			2 - 4			5 - 7		
3-Nitroaniline	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]	ND	(62)	[1.245516]
4,6-Dinitro-2-methylphenol	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]	ND	(62)	[1.245516]
4-Bromophenyl phenyl ether	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
4-Chloro-3-methylphenol	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
4-Chlorophenyl phenyl ether	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
4-Methylphenol (p-cresol)	0.21 J	(0.43)	[0.043346]	0.099 J	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
4-Nitroaniline	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]	ND	(62)	[1.245516]
4-Nitrophenol	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]	ND	(62)	[1.245516]
Acenaphthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Acenaphthylene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Anthracene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Benzo(a)anthracene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Benzo(a)pyrene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Benzo(b)fluoranthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Benzo(g,h,i)perylene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Benzo(k)fluoranthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Benzoic acid	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]	ND	(62)	[1.245516]
Benzyol alcohol	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Butylbenzylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Chrysene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Di-n-octylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Dibenz(a,h)anthracene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Dibenzofuran	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Dibutylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Diethylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Dimethylphthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Fluoranthene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Fluorene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	ND	(12)	[1.245516]
Hexachlorobenzene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	2.1 J	(12)	[1.245516]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID													
	LOCATION ID				LOCATION ID				SAMPLE ID					
	SAMPLE ID				SAMPLE ID				SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05	05	05	05	
	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	
	05-SB-01-02	05-SB-01-03	05-SB-01-03	05-SB-01-03	05-SB-02-01	05-SB-02-01	05-SB-02-01	05-SB-02-01	05-SB-02-02	05-SB-02-02	05-SB-02-02	05-SB-02-02	05-SB-02-02	
	5 - 7	8 - 10	8 - 10	8 - 10	2 - 4	2 - 4	2 - 4	2 - 4	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	
Hexachlorobutadiene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Hexachlorocyclopentadiene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Hexachloroethane	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Indeno(1,2,3-cd)pyrene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Isophorone	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
N-Nitrosodiphenylamine	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
N-Nitrosodipropylamine	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Naphthalene	0.19 J	(0.43)	[0.043346]	0.038 J	(0.45)	[0.045289]	46	(12)	[1.16298]	92	(12)	[1.245516]	(12)	[1.245516]
Nitrobenzene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Pentachlorophenol	ND	(2.2)	[0.043346]	ND	(2.3)	[0.045289]	ND	(58)	[1.16298]	ND	(62)	[1.245516]	(62)	[1.245516]
Phenanthrene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Phenol	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
Pyrene	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
bis(2-Chloroethoxy)methane	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
bis(2-Chloroethyl) ether	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
bis(2-Chloroisopropyl) ether	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
bis(2-Ethylhexyl) phthalate	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]
p-Chloroaniline	ND	(0.43)	[0.043346]	ND	(0.45)	[0.045289]	ND	(12)	[1.16298]	ND	(12)	[1.245516]	(12)	[1.245516]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)					BEG. DEPTH - END DEPTH (FT.)				
	05	05	05	05	05	05	05	05	05	05
	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-03	05-SB-03	05-SB-03	05-SB-03	05-SB-03
	05-SB-02-03	05-SB-02-03	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01
	8 - 10	8 - 10	10 - 12	10 - 12	10 - 12	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	5200	(630)	2100	(570)	[2850]	43	(27)	[135]	27	(26)
Gasoline Range Organics (2)	28000	(5000)	11000	(4500)	[45400]	22 B	(13)	[134]	29	(13)
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
1,1,2,2-Tetrachloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
1,1,2-Trichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
1,1-Dichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
1,1-Dichloroethene	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
1,2-Dichloroethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
1,2-Dichloropropane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
2-Chloroethyl vinyl ether	ND	(63000)	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND	(13)
2-Hexanone	ND	(320000)	ND	(5700)	[114.5475]	ND	(67)	[1.349527]	ND	(66)
4-Methyl-2-pentanone(MIBK)	ND	(320000)	ND	(5700)	[114.5475]	ND	(67)	[1.349527]	ND	(66)
Acetone	ND	(630000)	ND	(11000)	[114.5475]	190	(130)	[1.349527]	150 B	(130)
Benzene	310000	(32000)	8300	(570)	[114.5475]	160	(6.7)	[1.349527]	47	(6.6)
Bromodichloromethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
Bromomethane	ND	(63000)	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND	(13)
Carbon disulfide	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
Carbon tetrachloride	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
Chlorobenzene	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
Chloroethane	ND	(32000)	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND	(13)
Chloroform	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
Chloromethane	ND	(63000)	ND	(1100)	[114.5475]	ND	(13)	[1.349527]	ND	(13)
Dibromochloromethane	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)
Ethyl benzene	350000	(32000)	28000	(2900)	[572.7376]	5.3 J	(6.7)	[1.349527]	ND	(6.6)
Methyl ethyl ketone	ND	(630000)	ND	(11000)	[114.5475]	36 JB	(130)	[1.349527]	ND	(130)
Methylene chloride	ND	(32000)	ND	(570)	[114.5475]	12	(6.7)	[1.349527]	4.7 JB	(6.6)
Styrene	ND	(32000)	ND	(570)	[114.5475]	ND	(6.7)	[1.349527]	ND	(6.6)

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				05				05				05			
	LOCATION ID				SAMPLE ID				05-SB-02				05-SB-03				05-SB-03			
	05-SB-02-03				05-SB-02-04				05-SB-03-01				05-SB-03-01				05-SB-03-01			
	8 - 10				10 - 12				5 - 7				5 - 7				Dup of 05-SB-03-01			
3-Nitroaniline	ND	(60)	[1.194172]	ND	(55)	[1.090928]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.043802]	ND	(2.2)	[0.043802]		
4,6-Dinitro-2-methylphenol	ND	(60)	[1.194172]	ND	(55)	[1.090928]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.043802]	ND	(2.2)	[0.043802]		
4-Bromophenyl phenyl ether	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
4-Chloro-3-methylphenol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
4-Chlorophenyl phenyl ether	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
4-Methylphenol (p-cresol)	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
4-Nitroaniline	ND	(60)	[1.194172]	ND	(55)	[1.090928]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.043802]	ND	(2.2)	[0.043802]		
4-Nitrophenol	ND	(60)	[1.194172]	ND	(55)	[1.090928]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.043802]	ND	(2.2)	[0.043802]		
Acenaphthene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Acenaphthylene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Anthracene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Benzo(a)anthracene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Benzo(a)pyrene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Benzo(b)fluoranthene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Benzo(g,h,i)perylene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Benzo(k)fluoranthene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Benzoic acid	ND	(60)	[1.194172]	ND	(55)	[1.090928]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.044984]	ND	(2.2)	[0.043802]	ND	(2.2)	[0.043802]		
Benzyl alcohol	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Butylbenzylphthalate	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Chrysene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Di-n-octylphthalate	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Dibenz(a,h)anthracene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Dibenzofuran	1.7 J	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Dibutylphthalate	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Diethylphthalate	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Dimethylphthalate	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Fluoranthene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Fluorene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		
Hexachlorobenzene	ND	(12)	[1.194172]	ND	(11)	[1.090928]	ND	(0.45)	[0.044984]	ND	(0.45)	[0.044984]	ND	(0.44)	[0.043802]	ND	(0.44)	[0.043802]		

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05	05	05	05	05	05
	05-SB-02	05-SB-02	05-SB-02	05-SB-03	05-SB-03	05-SB-03
	05-SB-02-03	05-SB-02-04	05-SB-02-01	05-SB-03-01	05-SB-03-01	05-SB-03-01
	8 - 10	10 - 12	5 - 7	5 - 7	5 - 7	5 - 7
Hexachlorobutadiene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Hexachlorocyclopentadiene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Hexachloroethane	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Indeno(1,2,3-cd)pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Isophorone	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
N-Nitrosodiphenylamine	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
N-Nitrosodipropylamine	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Naphthalene	29	(12) [1.194172]	6.2 J	(11) [1.090928]	ND	(0.44) [0.043802]
Nitrobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Pentachlorophenol	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.043802]
Phenanthrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Phenol	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
Pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
bis(2-Chloroethoxy)methane	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
bis(2-Chloroethyl)ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
bis(2-Chloroisopropyl)ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
bis(2-Ethylhexyl)phthalate	3.9 J	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]
p-Chloroaniline	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.44) [0.043802]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	05	05	05	05	05	05	05	05	05	05
	05-SB-03	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-02
	05-SB-03-02	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-02-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	21 B	(21)	[104]	ND	(22)	[109]	ND	(22)	[109]	(29) [143]
Gasoline Range Organics (2)	17 B	(10)	[102]	11 B	(11)	[108]	17 B	(11)	[109]	(14) [140]
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
1,1,2,2-Tetrachloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
1,1,2-Trichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
1,1-Dichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
1,1-Dichloroethene	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
1,2-Dichloroethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
1,2-Dichloropropane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
2-Chloroethyl vinyl ether	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	(14) [1.424501]
2-Hexanone	ND	(52)	[1.041666]	ND	(55)	[1.094810]	ND	(55)	[1.093015]	(71) [1.424501]
4-Methyl-2-pentanone(MIBK)	ND	(52)	[1.041666]	ND	(55)	[1.094810]	ND	(55)	[1.093015]	(71) [1.424501]
Acetone	65 JB	(100)	[1.041666]	ND	(110)	[1.094810]	ND	(110)	[1.093015]	(140) [1.424501]
Benzene	410	(100)	[20.83333]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Bromodichloromethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Bromomethane	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	(14) [1.424501]
Carbon disulfide	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Carbon tetrachloride	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Chlorobenzene	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Chloroethane	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	(14) [1.424501]
Chloroform	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Chloromethane	ND	(10)	[1.041666]	ND	(11)	[1.094810]	ND	(11)	[1.093015]	(14) [1.424501]
Dibromochloromethane	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Ethyl benzene	16	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Methyl ethyl ketone	10 JB	(100)	[1.041666]	ND	(110)	[1.094810]	ND	(110)	[1.093015]	(140) [1.424501]
Methylene chloride	6.2 B	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]
Styrene	ND	(5.2)	[1.041666]	ND	(5.5)	[1.094810]	ND	(5.5)	[1.093015]	(7.1) [1.424501]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE 10									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-SB-03	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01
	05-SB-03-02	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01	05-SB-03-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Tetrachloroethene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Toluene	700	(100) [20.83333]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Tribromomethane(Bromoform)	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Trichloroethene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Vinyl acetate	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
Vinyl chloride	ND	(10) [1.041666]	ND	(11) [1.094810]	ND	(11) [1.093015]	ND	(11) [1.093015]	ND	(14) [1.424501]
Xylenes	25	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
cis-1,3-Dichloropropene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
trans-1,2-Dichloroethene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
trans-1,3-Dichloropropene	ND	(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
SW8270 - Semivolatile Organics (mg/kg)		(5.2) [1.041666]	ND	(5.5) [1.094810]	ND	(5.5) [1.093015]	ND	(5.5) [1.093015]	ND	(7.1) [1.424501]
1,2,4-Trichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
1,2-Dichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
1,3-Dichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
1,4-Dichlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4,5-Trichlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4,6-Trichlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4-Dichlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4-Dimethylphenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,4-Dinitrophenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
2,4-Dinitrotoluene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2,6-Dinitrotoluene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Chloronaphthalene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Chlorophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Methylnaphthalene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Methylphenol(o-cresol)	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
2-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
2-Nitrophenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
3,3'-Dichlorobenzidine	ND	(0.69) [0.034722]	ND	(0.73) [0.036372]	ND	(0.73) [0.036385]	ND	(0.73) [0.036385]	ND	(0.82) [0.041099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SB-03	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-01
	05-SB-03-02	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
3-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
4,6-Dinitro-2-methylphenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
4-Bromophenyl phenyl ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Chloro-3-methylphenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Chlorophenyl phenyl ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Methylphenol (p-cresol)	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
4-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
4-Nitrophenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
Acenaphthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Acenaphthylene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(a)anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(a)pyrene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(b)fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(g,h,i)perylene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzo(k)fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Benzoic acid	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(1.8) [0.036385]	0.066 J	(2.1) [0.041099]
Benzyl alcohol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Butylbenzylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Chrysene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Di-n-octylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Dibenz(a,h)anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Dibenzofuran	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Diethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Diethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Dimethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Fluorene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	0.014 J	(0.41) [0.041099]
Hexachlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
05-SB-03	05-SD-01	05-SD-01	05-SD-02	
05-SB-03-02	05-SD-01-01	05-DS-04 Dup of 05-SD-01-01	05-SD-02-01	
7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	
Hexachlorobutadiene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Hexachlorocyclopentadiene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Hexachloroethane	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Indeno(1,2,3-cd)pyrene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Isophorone	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
N-Nitrosodiphenylamine	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
N-Nitrosodipropylamine	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Naphthalene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Nitrobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Pentachloropheno]	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]
Phenanthrene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Pheno]	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
Pyrene	ND	(0.35) [0.034722]	0.014 J	(0.36) [0.036372]
bis(2-Chloroethoxy)methane	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
bis(2-Chloroethyl) ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
bis(2-Chloroisopropyl) ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
bis(2-Ethylhexyl) pthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]
p-Chloroaniline	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							
	05 05-SS-01 05-SS-01-01 0 - 0.5	05 05-SS-02 05-SS-02-01 0 - 0.5	05 05-SS-03 05-SS-03-01 0 - 0.5	05 05-SS-04 05-SS-04-01 0 - 0.5				
Tetrachloroethene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Toluene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Tribromomethane (Bromoform)	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Trichloroethene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Vinyl acetate	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Vinyl chloride	ND	(12) [1.169590]	ND	(12) [1.226993]	ND	(13) [1.317523]	ND	(14) [1.447178]
Xylenes	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
cis-1,3-Dichloropropene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
trans-1,2-Dichloroethene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
trans-1,3-Dichloropropene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
1,2-Dichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
1,3-Dichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
1,4-Dichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4,5-Trichlorophenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4,6-Trichlorophenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4-Dichlorophenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4-Dimethylphenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4-Dinitrophenol	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
2,4-Dinitrotoluene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,6-Dinitrotoluene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Chloronaphthalene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Chlorophenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Methylnaphthalene	0.035 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.028 J	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Methylphenol (o-cresol)	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Nitroaniline	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
2-Nitrophenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
3,3'-Dichlorobenzidine	ND	(0.78) [0.038986]	ND	(0.82) [0.040899]	ND	(0.88) [0.043917]	ND	(0.96) [0.048239]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04	05-SS-01-01	05-SS-02-01	05-SS-03-01	05-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
3-Nitroaniline	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
4,6-Dinitro-2-methylphenol	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
4-Bromophenyl phenyl ether	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
4-Chloro-3-methylphenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
4-Chlorophenyl phenyl ether	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
4-Methylphenol (p-cresol)	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
4-Nitroaniline	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
4-Nitrophenol	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
Acenaphthene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Acenaphthylene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Anthracene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Benzo(a)anthracene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Benzo(a)pyrene	0.078 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Benzo(b)fluoranthene	0.053 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Benzo(g,h,i)perylene	0.051 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Benzo(k)fluoranthene	0.06 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Benzoic acid	0.059 J	(1.9) [0.038986]	0.062 J	(2) [0.040899]	0.092 J	(2.2) [0.043917]	ND	(2.4) [0.048239]
Benzyol alcohol	0.24 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.11 J	(0.44) [0.043917]	ND	(0.48) [0.048239]
Butylbenzylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Chrysene	0.027 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Di-n-octylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Dibenz(a,h)anthracene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Dibenzofuran	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Diethylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Dimethylphthalate	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Fluoranthene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
Fluorene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.015 J	(0.44) [0.043917]	ND	(0.48) [0.048239]
Hexachlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05 05-SS-01 05-SS-01-01 0 - 0.5	05 05-SS-02 05-SS-02-01 0 - 0.5	05 05-SS-03 05-SS-03-01 0 - 0.5	05 05-SS-04 05-SS-04-01 0 - 0.5
Hexachlorobutadiene	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Hexachlorocyclopentadiene	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Hexachloroethane	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Indeno(1,2,3-cd)pyrene	0.015 JB	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Isophorone	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
N-Nitrosodiphenylamine	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
N-Nitrosodipropylamine	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Naphthalene	0.029 J	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Nitrobenzene	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Pentachlorophenol	ND	(1.9) [0.038986]	(2) [0.040899]	ND (2.4) [0.048239]
Phenanthrene	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Phenol	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
Pyrene	0.017 J	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
bis(2-Chloroethoxy)methane	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
bis(2-Chloroethyl) ether	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
bis(2-Chloroisopropyl) ether	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
bis(2-Ethylhexyl) phthalate	0.02 JB	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]
p-Chloroaniline	ND	(0.39) [0.038986]	(0.41) [0.040899]	ND (0.48) [0.048239]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		05		05	
							05-SS-05 0 - 0.5		05-SS-07 0 - 0.5	
SW8015WEMP - Nonhalogenated Volatile Organics (mg/kg)	ND	(24)	[120]	ND	(22)	[112]	480	(110)	[532]	ND
Diesel Range Organics (2)	15 B	(12)	[120]	ND	(11)	[112]	22 B	(11)	[108]	ND
Gasoline Range Organics (2)										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
1,1,2,2-Tetrachloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
1,1,2-Trichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
1,1-Dichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
1,1-Dichloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
1,2-Dichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
1,2-Dichloropropane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
2-Chloroethyl vinyl ether	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND
2-Hexanone	ND	(61)	[1.213592]	ND	(56)	[1.123595]	ND	(2700)	[53.75766]	ND
4-Methyl-2-pentanone(MIBK)	ND	(61)	[1.213592]	ND	(56)	[1.123595]	ND	(2700)	[53.75766]	ND
Acetone	ND	(120)	[1.213592]	ND	(110)	[1.123595]	ND	(5400)	[53.75766]	ND
Benzene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Bromodichloromethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Bromomethane	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND
Carbon disulfide	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Carbon tetrachloride	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Chlorobenzene	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND
Chloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Chloroform	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND
Chloromethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Dibromochloromethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Ethyl benzene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Methyl ethyl ketone	ND	(120)	[1.213592]	ND	(110)	[1.123595]	ND	(5400)	[53.75766]	ND
Methylene chloride	2.1 JB	(6.1)	[1.213592]	5.1 JB	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND
Styrene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor

Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				05				05				05			
	LOCATION ID		SAMPLE ID		05-SS-05		05-SS-06		05-SS-07		05-SS-08		05-SS-09		05-SS-10	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Tetrachloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
Toluene	ND	(6.1)	[1.213592]	0.18 JB	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
Tribromomethane(Bromoform)	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
Trichloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
Vinyl acetate	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
Vinyl chloride	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND	(10)	[1.019991]	ND	(10)	[1.019991]	ND
Xylenes	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
cis-1,3-Dichloropropene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
trans-1,2-Dichloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
trans-1,3-Dichloropropene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
SW8270 - Semivolatile Organics (mg/kg)	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]	ND	(5.1)	[1.019991]	ND
1,2,4-Trichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
1,2-Dichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
1,3-Dichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
1,4-Dichlorobenzene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2,4,5-Trichlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2,4,6-Trichlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2,4-Dichlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2,4-Dimethylphenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2,4-Dinitrophenol	ND	(2)	[0.040318]	ND	(1.9)	[0.037453]	ND	(5.4)	[0.107086]	ND	(1.7)	[0.033954]	ND	(1.7)	[0.033954]	ND
2,4-Dinitrotoluene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2,6-Dinitrotoluene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2-Chloronaphthalene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2-Chlorophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2-Methylnaphthalene	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2-Methylphenol(o-cresol)	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
2-Nitroaniline	ND	(2)	[0.040318]	ND	(1.9)	[0.037453]	ND	(5.4)	[0.107086]	ND	(1.7)	[0.033954]	ND	(1.7)	[0.033954]	ND
2-Nitrophenol	ND	(0.4)	[0.040318]	ND	(0.37)	[0.037453]	ND	(1.1)	[0.107086]	ND	(0.34)	[0.033954]	ND	(0.34)	[0.033954]	ND
3,3'-Dichlorobenzidine	ND	(0.81)	[0.040318]	ND	(0.75)	[0.037453]	ND	(2.1)	[0.107086]	ND	(0.68)	[0.033954]	ND	(0.68)	[0.033954]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-06-01	05-SS-07-01	05-SS-08-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
3-Nitroaniline	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4,6-Dinitro-2-methylphenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4-Bromophenyl phenyl ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Chloro-3-methylphenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Chlorophenyl phenyl ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Methylphenol (p-cresol)	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Nitroaniline	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4-Nitrophenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
Acenaphthene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Acenaphthylene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzo(a)anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzo(a)pyrene	ND	(0.4) [0.040318]	0.0044 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.024 J	(0.34) [0.033954]
Benzo(b)fluoranthene	ND	(0.4) [0.040318]	0.0065 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.019 J	(0.34) [0.033954]
Benzo(g,h,i)perylene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.022 J	(0.34) [0.033954]
Benzo(k)fluoranthene	ND	(0.4) [0.040318]	0.0056 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzoic acid	ND	(2) [0.040318]	0.043 J	(1.9) [0.037453]	ND	(5.4) [0.107086]	0.024 J	(1.7) [0.033954]
Benzyol alcohol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Butylbenzylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Chrysene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.031 J	(0.34) [0.033954]
Di-n-octylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibenz(a,h)anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibenzofuran	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibutylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Diethylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dimethylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Fluoranthene	0.023 J	(0.4) [0.040318]	ND	(0.37) [0.037453]	0.028 J	(1.1) [0.107086]	0.031 J	(0.34) [0.033954]
Fluorene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Hexachlorobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	05	05	05	05	05	05
	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-09	05-SS-10
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachlorobutadiene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Hexachlorocyclopentadiene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Hexachloroethane	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Indeno(1,2,3-cd)pyrene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Isophorone	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
N-Nitrosodiphenylamine	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
N-Nitrosodipropylamine	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Naphthalene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Nitrobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Pentachlorophenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]
Phenanthrene	0.015 J	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Phenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
Pyrene	0.023 J	(0.4) [0.040318]	ND	(0.37) [0.037453]	0.049 J	(1.1) [0.107086]
bis(2-Chloroethoxy)methane	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
bis(2-Chloroethyl)ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
bis(2-Chloroisopropyl)ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]
bis(2-Ethylhexyl)phthalate	ND	(0.4) [0.040318]	0.06 JB	(0.37) [0.037453]	ND	(1.1) [0.107086]
p-Chloroaniline	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	05	05	05	05	05	05	05	05	05	05
	05-SS-09	05-SS-10	05-SS-11	05-SS-12	05-SS-12	05-SS-09-01	05-SS-10-01	05-SS-11-01	05-SS-12-01	05-SS-12-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	4400	(24)	[118]	40	(22)	[110]	3700	(570)	[2840]	87
Gasoline Range Organics (2)	44000	(4700)	[47300]	14 B	(11)	[111]	18 B	(11)	[113]	13 B
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
1,1,2,2-Tetrachloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
1,1,2-Trichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
1,1-Dichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
1,1-Dichloroethene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
1,2-Dichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
1,2-Dichloropropane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
2-Chloroethyl vinyl ether	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	(230)	[22.77904]	ND
2-Hexanone	ND	(300000)	[5910.165]	ND	(56)	[1.116071]	ND	(1100)	[22.77904]	ND
4-Methyl-2-pentanone(MIBK)	ND	(300000)	[5910.165]	ND	(56)	[1.116071]	ND	(1100)	[22.77904]	ND
Acetone	ND	(590000)	[5910.165]	ND	(110)	[1.116071]	ND	(2300)	[22.77904]	ND
Benzene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	11 J	(110)	[22.77904]	ND
Bromodichloromethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Bromomethane	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	(230)	[22.77904]	ND
Carbon disulfide	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Carbon tetrachloride	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Chlorobenzene	15000 J	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Chloroethane	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	(230)	[22.77904]	ND
Chloroform	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Chloromethane	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	(230)	[22.77904]	ND
Dibromochloromethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Ethyl benzene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Methyl ethyl ketone	ND	(590000)	[5910.165]	ND	(110)	[1.116071]	430 J	(2300)	[22.77904]	ND
Methylene chloride	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	44 J	(110)	[22.77904]	ND
Styrene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05	05	05	05	05
	05-SS-09	05-SS-10	05-SS-11	05-SS-12	05-SS-11-01	05-SS-12-01	05-SS-11-01	05-SS-12-01	05-SS-11-01	05-SS-12-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tetrachloroethene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Toluene	7400 J	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Tribromomethane(Bromoform)	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Trichloroethene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Vinyl acetate	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
Vinyl chloride	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	(230)	[22.77904]	ND
Xylenes	120000	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
cis-1,3-Dichloropropene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
trans-1,2-Dichloroethene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
trans-1,3-Dichloropropene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
SW8270 - Semivolatile Organics (mg/kg)	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	(110)	[22.77904]	ND
1,2,4-Trichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
1,2-Dichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
1,3-Dichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
1,4-Dichlorobenzene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2,4,5-Trichlorophenol	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2,4,6-Trichlorophenol	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2,4-Dichlorophenol	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2,4-Dimethylphenol	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2,4-Dinitrophenol	ND	(5.9)	[0.117265]	ND	(1.9)	[0.037140]	ND	(5.7)	[0.113441]	ND
2,4-Dinitrotoluene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2,6-Dinitrotoluene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2-Chloronaphthalene	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2-Chlorophenol	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2-Methylnaphthalene	87	(23)	[2.345303]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2-Methylphenol(o-cresol)	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
2-Nitroaniline	ND	(5.9)	[0.117265]	ND	(1.9)	[0.037140]	ND	(5.7)	[0.113441]	ND
2-Nitrophenol	ND	(1.2)	[0.117265]	ND	(0.37)	[0.037140]	ND	(1.1)	[0.113441]	ND
3,3'-Dichlorobenzidine	ND	(2.3)	[0.117265]	ND	(0.74)	[0.037140]	ND	(2.3)	[0.113441]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-SS-09		05-SS-10		05-SS-11		05-SS-12		05-SS-12-01	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
BEG. DEPTH - END DEPTH (FT.)										

Hexachlorobutadiene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Hexachlorocyclopentadiene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Hexachloroethane	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Indeno(1,2,3-cd)pyrene	0.048 JB	(1.2) [0.117265]	0.052 JB	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Isophorone	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
N-Nitrosodiphenylamine	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
N-Nitrosodipropylamine	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Naphthalene	140	(23) [2.345303]	0.019 J	(0.37) [0.037140]	0.044 J	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Nitrobenzene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Pentachlorophenol	ND	(5.9) [0.117265]	ND	(1.9) [0.037140]	ND	(5.7) [0.113441]	ND	(1.7) [0.034174]	ND	(0.34) [0.034174]
Phenanthrene	2.3	(1.2) [0.117265]	0.047 J	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Phenol	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
Pyrene	0.65 J	(1.2) [0.117265]	0.13 J	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
bis(2-Chloroethoxy)methane	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
bis(2-Chloroethyl) ether	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
bis(2-Chloroisopropyl) ether	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
bis(2-Ethylhexyl) phthalate	ND	(1.2) [0.117265]	0.37	(0.37) [0.037140]	0.16 J	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]
p-Chloroaniline	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]	ND	(0.34) [0.034174]	ND	(0.34) [0.034174]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ● = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SS-13	05-SS-13	05-SS-14	05-SS-15
	05-SS-13-01	05-SS-13 Dup of 05-SS-13-01	05-SS-14-01	05-SS-15-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tetrachloroethene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Toluene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Tribromomethane(Bromoform)	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Trichloroethene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Vinyl acetate	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
Vinyl chloride	ND	(10) [1.018329]	ND	(5.1) [1.012145]
Xylenes	ND	(5.1) [1.018329]	ND	(10) [1.012145]
cis-1,3-Dichloropropene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
trans-1,2-Dichloroethene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
trans-1,3-Dichloropropene	ND	(5.1) [1.018329]	ND	(5.1) [1.012145]
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
1,2-Dichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
1,3-Dichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
1,4-Dichlorobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4,5-Trichlorophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4,6-Trichlorophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4-Dimethylphenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,4-Dinitrophenol	ND	(1.7) [0.033921]	ND	(1.7) [0.033664]
2,4-Dinitrotoluene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2,6-Dinitrotoluene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Chloronaphthalene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Chlorophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Methylnaphthalene	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Methylphenol(o-cresol)	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
2-Nitroaniline	ND	(1.7) [0.033921]	ND	(1.7) [0.033664]
2-Nitrophenol	ND	(0.34) [0.033921]	ND	(0.34) [0.033664]
3,3'-Dichlorobenzidine	ND	(0.68) [0.033921]	ND	(0.67) [0.033664]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)					
	05		05		05	
	05-SS-13	05-SS-13	05-SS-13	05-SS-14	05-SS-15	
	05-SS-13-01	05-SS-13 Dup of 05-SS-13-01	05-SS-14-01	05-SS-15-01		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
Hexachlorobutadiene	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Hexachlorocyclopentadiene	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Hexachloroethane	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Indeno(1,2,3-cd)pyrene	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Isophorone	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
N-Nitrosodiphenylamine	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
N-Nitrosodipropylamine	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Naphthalene	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Nitrobenzene	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Pentachlorophenol	ND	(1.7) [0.033921]	ND	(1.7) [0.03373]	ND	(5) [0.100004]
Phenanthrene	ND	(0.34) [0.033921]	0.014 J	(0.34) [0.03373]	ND	(1) [0.100004]
Phenol	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
Pyrene	0.028 J	(0.34) [0.033921]	0.033 J	(0.34) [0.03373]	ND	(1) [0.100004]
bis(2-Chloroethoxy)methane	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
bis(2-Chloroethyl) ether	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
bis(2-Chloroisopropyl) ether	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
bis(2-Ethylhexyl) phthalate	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	ND	(1) [0.100004]
p-Chloroaniline	ND	(0.34) [0.033921]	ND	(0.34) [0.03373]	0.097 JB	(1) [0.100004]
			ND	(0.34) [0.03373]	ND	(1) [0.100004]
					0.3 J	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				06				06				06			
	LOCATION ID		SAMPLE ID		06		06		06-MW-01		06-MW-02		06-MW-03		06-MW-03		06-MW-03		06-MW-03	
					8 - 10		3 - 5		06-MW-01-02		06-MW-02-02		06-MW-03-02		06-MW-03-02		06-MW-03-02		06-MW-03-02	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)																				
Diesel Range Organics (2)	ND	(24)	[120]	65	(60)	[5953.798]	43	(25)	[125]	33	(25)	[123.5]								
Gasoline Range Organics (2)	ND	(12)	[120]	ND	(11)	[114]	48	(12)	[124]	ND	(12)	[120.2]								
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																				
4,4'-DDD	1.8	(0.4)	[40.03202]	10000	(60)	[5953.798]	7.3	(0.42)	[42.10526]	2.9	(0.42)	[41.59733]								
4,4'-DDE	4.3	(0.4)	[40.03202]	160	(60)	[5953.798]	2	(0.42)	[42.10526]	1.5	(0.42)	[41.59733]								
4,4'-DDT	8.2	(0.8)	[40.03202]	3700	(120)	[5953.798]	26	(0.84)	[42.10526]	18	(0.83)	[41.59733]								
Aldrin	0.05 PJB	(0.4)	[40.03202]	0.45 PJB	(1.2)	[119.0759]	ND	(0.42)	[42.10526]	0.79 B	(0.42)	[41.59733]								
Chlordane	ND	(2)	[40.03202]	ND	(6)	[119.0759]	ND	(2.1)	[42.10526]	ND	(2.1)	[41.59733]								
Dieldrin	ND	(0.4)	[40.03202]	ND	(1.2)	[119.0759]	ND	(0.42)	[42.10526]	0.38 KJB	(0.42)	[41.59733]								
Endosulfan I	ND	(0.4)	[40.03202]	ND	(1.2)	[119.0759]	0.2 JB	(0.42)	[42.10526]	0.11 KJB	(0.42)	[41.59733]								
Endosulfan II	0.51 JB	(1.2)	[40.03202]	ND	(3.6)	[119.0759]	ND	(1.3)	[42.10526]	ND	(1.2)	[41.59733]								
Endosulfan Sulfate	0.65 KJB	(2)	[40.03202]	4.8 PJB	(6)	[119.0759]	1.8 PJB	(2.1)	[42.10526]	1.6 JB	(2.1)	[41.59733]								
Endrin	0.082 KJB	(0.4)	[40.03202]	ND	(1.2)	[119.0759]	1 PB	(0.42)	[42.10526]	0.21 JB	(0.42)	[41.59733]								
Endrin Aldehyde	0.76 KJ	(0.8)	[40.03202]	0.54 PJB	(2.4)	[119.0759]	ND	(0.84)	[42.10526]	ND	(0.83)	[41.59733]								
Heptachlor	ND	(0.4)	[40.03202]	0.55 KJB	(1.2)	[119.0759]	0.23 KJB	(0.42)	[42.10526]	0.16 KJB	(0.42)	[41.59733]								
Heptachlor epoxide	0.35 PJB	(0.4)	[40.03202]	1.3 PB	(1.2)	[119.0759]	ND	(0.42)	[42.10526]	ND	(0.42)	[41.59733]								
Methoxychlor	ND	(2)	[40.03202]	0.68 KJ	(6)	[119.0759]	ND	(2.1)	[42.10526]	ND	(2.1)	[41.59733]								
PCB-1016	ND	(4)	[40.03202]	ND	(12)	[119.0759]	ND	(4.2)	[42.10526]	ND	(4.2)	[41.59733]								
PCB-1221	ND	(8)	[40.03202]	ND	(24)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3)	[41.59733]								
PCB-1232	ND	(8)	[40.03202]	ND	(24)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3)	[41.59733]								
PCB-1242	ND	(4)	[40.03202]	ND	(12)	[119.0759]	ND	(4.2)	[42.10526]	ND	(4.2)	[41.59733]								
PCB-1248	ND	(4)	[40.03202]	ND	(12)	[119.0759]	ND	(4.2)	[42.10526]	ND	(4.2)	[41.59733]								
PCB-1254	ND	(8)	[40.03202]	ND	(24)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3)	[41.59733]								
PCB-1260	ND	(8)	[40.03202]	ND	(24)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3)	[41.59733]								
Toxaphene	ND	(20)	[40.03202]	ND	(60)	[119.0759]	ND	(21)	[42.10526]	ND	(21)	[41.59733]								
alpha-BHC	0.26 PJB	(0.4)	[40.03202]	1.8	(1.2)	[119.0759]	ND	(0.42)	[42.10526]	ND	(0.42)	[41.59733]								
beta-BHC	ND	(0.4)	[40.03202]	ND	(1.2)	[119.0759]	ND	(0.42)	[42.10526]	1.7 B	(0.42)	[41.59733]								
delta-BHC	ND	(0.4)	[40.03202]	1.6 PB	(1.2)	[119.0759]	ND	(0.42)	[42.10526]	ND	(0.42)	[41.59733]								

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	06	06	06	06	06	06
	06-MW-01	06-MW-02	06-MW-03	06-MW-03	06-MW-03	06-MW-03
	06-MW-01-02	06-MW-02-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02
	8 - 10	3 - 5	4 - 7	4 - 7	4 - 7	4 - 7
	0.65 PB	ND	(0.4) [40.03202]	(1.2) [119.0759]	ND	(0.42) [41.59733]
gamma-BHC	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
SW8240 - Volatile Organics (ug/kg)	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
1,1,1-Trichloroethane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
1,1,2,2-Tetrachloroethane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
1,1,2-Trichloroethane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
1,1-Dichloroethane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
1,1-Dichloroethene	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
1,2-Dichloroethane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
1,2-Dichloropropane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
2-Chloroethyl vinyl ether	ND	ND	(60) [6.024096]	(12) [1.191895]	ND	(12) [1.25]
2-Hexanone	ND	ND	(300) [6.024096]	(60) [1.191895]	ND	(62) [1.25]
4-Methyl-2-pentanone(MIBK)	ND	ND	(300) [6.024096]	(60) [1.191895]	ND	(62) [1.25]
Acetone	18 JB	4.5 JB	(600) [6.024096]	(120) [1.191895]	570 J	(120) [1.25]
Benzene	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Bromodichloromethane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Bromomethane	ND	ND	(60) [6.024096]	(12) [1.191895]	ND	(12) [1.25]
Carbon disulfide	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Carbon tetrachloride	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Chlorobenzene	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Chloroethane	ND	ND	(60) [6.024096]	(12) [1.191895]	ND	(12) [1.25]
Chloroform	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Chloromethane	ND	ND	(60) [6.024096]	(12) [1.191895]	ND	(12) [1.25]
Dibromochloromethane	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Ethyl benzene	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Methyl ethyl ketone	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Methylene chloride	18 J	9.4 B	(600) [6.024096]	(120) [1.191895]	ND	(120) [1.25]
Styrene	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Tetrachloroethene	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]
Toluene	ND	ND	(30) [6.024096]	(6) [1.191895]	ND	(6.2) [1.25]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				06				06				06			
	LOCATION ID				06-MW-01				06-MW-02				06-MW-03			
	SAMPLE ID				06-MW-01-02				06-MW-02-02				06-MW-03-02			
	BEG. DEPTH - END DEPTH (FT.)				8 - 10				3 - 5				4 - 7			
Tribromomethane(Bromoform)	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]	
Trichloroethene	1200	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]	
Vinyl acetate	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]	
Vinyl chloride	ND	(60)	[6.024096]	ND	(12)	[1.191895]	ND	(250)	[25.34854]	ND	(250)	[25.34854]	ND	(12)	[1.25]	
Xylenes	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]	
cis-1,3-Dichloropropene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]	
trans-1,2-Dichloroethene	54 F	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]	
trans-1,3-Dichloropropene	ND	(30)	[6.024096]	ND	(6)	[1.191895]	ND	(130)	[25.34854]	ND	(130)	[25.34854]	ND	(6.2)	[1.25]	
SW8270 - Semivolatile Organics (mg/kg)																
1,2,4-Trichlorobenzene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
1,2-Dichlorobenzene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
1,3-Dichlorobenzene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
1,4-Dichlorobenzene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2,4,5-Trichlorophenol	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2,4,6-Trichlorophenol	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2,4-Dichlorophenol	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2,4-Dimethylphenol	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2,4-Dinitrophenol	ND	(2)	[0.040093]	ND	(5.9)	[0.118951]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.041583]	
2,4-Dinitrotoluene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2,6-Dinitrotoluene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2-Chloronaphthalene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2-Chlorophenol	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2-Methylnaphthalene	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2-Methylphenol(o-cresol)	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
2-Nitroaniline	ND	(2)	[0.040093]	ND	(5.9)	[0.118951]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.041583]	
2-Nitrophenol	ND	(0.4)	[0.040093]	ND	(1.2)	[0.118951]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.042177]	ND	(0.42)	[0.041583]	
3,3'-Dichlorobenzidine	ND	(0.8)	[0.040093]	ND	(2.4)	[0.118951]	ND	(0.84)	[0.042177]	ND	(0.84)	[0.042177]	ND	(0.83)	[0.041583]	
3-Nitroaniline	ND	(2)	[0.040093]	ND	(5.9)	[0.118951]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.041583]	
4,6-Dinitro-2-methylphenol	ND	(2)	[0.040093]	ND	(5.9)	[0.118951]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.042177]	ND	(2.1)	[0.041583]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	06	06	06	06
	06-MW-01	06-MW-02	06-MW-03	06-MW-03
	06-MW-01-02	06-MW-02-02	06-MW-03-02	06-DS-01 Dup of 06-MW-03-02
	8 - 10	3 - 5	4 - 7	4 - 7

Hexachloroethane	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
Indeno(1,2,3-cd)pyrene	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
Isophorone	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
N-Nitrosodiphenylamine	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
N-Nitrosodipropylamine	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
Naphthalene	ND	(0.4) [0.040093]	0.036 J	(0.42) [0.041583]
Nitrobenzene	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
Pentachlorophenol	ND	(2) [0.040093]	ND	(2.1) [0.041583]
Phenanthrene	ND	(0.4) [0.040093]	0.031 J	(0.42) [0.041583]
Phenol	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
Pyrene	ND	(0.4) [0.040093]	0.041 J	(0.42) [0.041583]
bis(2-Chloroethoxy)methane	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
bis(2-Chloroethyl)ether	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
bis(2-Chloroisopropyl)ether	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
bis(2-Ethylhexyl)phthalate	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]
p-Chloroaniline	ND	(0.4) [0.040093]	ND	(0.42) [0.041583]

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER		06 06-MW-04 06-MW-04-02 4 - 6		06 06-SB-01 06-SB-01-01 6.5 - 9		06 06-SB-01 06-DS-02 Dup of 06-SB-01-01 6.5 - 9		06 06-SB-01 06-SB-01-02 10 - 12	
BEG. DEPTH - END DEPTH (FT.)		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		LOCATION ID	
SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		LOCATION ID	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)									
Diesel Range Organics (2)	37	(26)	[131.6]	5900	(1300)	[6440]	1400	(280)	[1390]
Gasoline Range Organics (2)	54	(13)	[131]	ND	(13)	[126]	ND	(13)	[127]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)									
4,4'-DDD	ND	(0.44)	[43.53504]	240	(13)	[1300.390]	640	(13)	[1262.626]
4,4'-DDE	ND	(0.44)	[43.53504]	32	(13)	[1300.390]	41	(13)	[1262.626]
4,4'-DDT	ND	(0.87)	[43.53504]	38	(26)	[1300.390]	170	(25)	[1262.626]
Aldrin	0.58 B	(0.44)	[43.53504]	3.6 PJ	(13)	[1300.390]	6.7 PJ	(13)	[1262.626]
Chlordane	ND	(2.2)	[43.53504]	ND	(65)	[1300.390]	ND	(63)	[1262.626]
Dieldrin	0.4 KJB	(0.44)	[43.53504]	12 KJ	(13)	[1300.390]	10 KJ	(13)	[1262.626]
Endosulfan I	0.088 KJB	(0.44)	[43.53504]	10 KJ	(13)	[1300.390]	ND	(13)	[1262.626]
Endosulfan II	ND	(1.3)	[43.53504]	19 J	(39)	[1300.390]	ND	(38)	[1262.626]
Endosulfan Sulfate	1.5 JB	(2.2)	[43.53504]	12 KJ	(65)	[1300.390]	11 KJ	(63)	[1262.626]
Endrin	2.4 B	(0.44)	[43.53504]	ND	(13)	[1300.390]	ND	(13)	[1262.626]
Endrin Aldehyde	ND	(0.87)	[43.53504]	12 KJ	(26)	[1300.390]	17 KJ	(25)	[1262.626]
Heptachlor	0.1 KJB	(0.44)	[43.53504]	9.9 KJ	(13)	[1300.390]	ND	(13)	[1262.626]
Heptachlor epoxide	ND	(0.44)	[43.53504]	12 PJ	(13)	[1300.390]	15 P	(13)	[1262.626]
Methoxychlor	ND	(2.2)	[43.53504]	ND	(65)	[1300.390]	ND	(63)	[1262.626]
PCB-1016	ND	(4.4)	[43.53504]	ND	(130)	[1300.390]	ND	(130)	[1262.626]
PCB-1221	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]
PCB-1232	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]
PCB-1242	ND	(4.4)	[43.53504]	ND	(130)	[1300.390]	ND	(130)	[1262.626]
PCB-1248	ND	(4.4)	[43.53504]	ND	(130)	[1300.390]	ND	(130)	[1262.626]
PCB-1254	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]
PCB-1260	ND	(8.7)	[43.53504]	ND	(260)	[1300.390]	ND	(250)	[1262.626]
Toxaphene	ND	(22)	[43.53504]	ND	(650)	[1300.390]	ND	(630)	[1262.626]
alpha-BHC	ND	(0.44)	[43.53504]	11 KJ	(13)	[1300.390]	ND	(13)	[1262.626]
beta-BHC	1.1 P	(0.44)	[43.53504]	18 P	(13)	[1300.390]	370	(13)	[1262.626]
delta-BHC	ND	(0.44)	[43.53504]	ND	(13)	[1300.390]	ND	(13)	[1262.626]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)		06		06		06		
	LOCATION ID		SAMPLE ID		06-SB-01		06-SB-01		06-SB-01		
					06-SB-01-01		Dup of 06-SB-01-01		06-SB-01-02		
					6.5 - 9		6.5 - 9		10 - 12		

gamma-BHC	ND	(0.44)	[43.53504]	50	(13)	[1300.390]	ND	(13)	[1262.626]	(0.45)	[44.66279]
SW8240 - Volatile Organics (ug/kg)											
1,1,1-Trichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
1,1,2,2-Tetrachloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
1,1,2-Trichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
1,1-Dichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
1,1-Dichloroethene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
1,2-Dichloroethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
1,2-Dichloropropane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
2-Chloroethyl vinyl ether	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.300390]	(6.7)	[1.340482]
2-Hexanone	ND	(1300)	[26.21231]	ND	(67)	[1.345895]	1.6 JB	(65)	[1.300390]	(13)	[1.340482]
4-Methyl-2-pentanone(MIBK)	ND	(1300)	[26.21231]	ND	(67)	[1.345895]	1.3 JB	(65)	[1.300390]	(67)	[1.340482]
Acetone	ND	(2600)	[26.21231]	3.9 JB	(130)	[1.345895]	9.5 JB	(130)	[1.300390]	(130)	[1.340482]
Benzene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Bromodichloromethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Bromomethane	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.300390]	(13)	[1.340482]
Carbon disulfide	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Carbon tetrachloride	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Chlorobenzene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Chloroethane	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.300390]	(13)	[1.340482]
Chloroform	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Chloromethane	ND	(260)	[26.21231]	ND	(13)	[1.345895]	ND	(13)	[1.300390]	(13)	[1.340482]
Dibromochloromethane	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Ethyl benzene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Methyl ethyl ketone	410 J	(2600)	[26.21231]	ND	(130)	[1.345895]	3 JB	(130)	[1.300390]	(130)	[1.340482]
Methylene chloride	ND	(130)	[26.21231]	13	(6.7)	[1.345895]	1.6 JB	(6.5)	[1.300390]	(6.7)	[1.340482]
Styrene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Tetrachloroethene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]
Toluene	ND	(130)	[26.21231]	ND	(6.7)	[1.345895]	ND	(6.5)	[1.300390]	(6.7)	[1.340482]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06		06					
	06-MW-04	06-SB-01	06-SB-01	06-SB-01-02				
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-02				
	4 - 6	6.5 - 9	6.5 - 9	10 - 12				

Tribromomethane(Bromoform)	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Trichloroethene	ND	(130) [26.21231]	5.7 J	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Vinyl acetate	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Vinyl chloride	ND	(260) [26.21231]	ND	(13) [1.345895]	ND	(13) [1.300390]	ND	(13) [1.340482]
Xylenes	ND	(130) [26.21231]	ND	(6.7) [1.345895]	2.7 J	(6.5) [1.300390]	ND	(6.7) [1.340482]
cis-1,3-Dichloropropene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
trans-1,2-Dichloroethene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
trans-1,3-Dichloropropene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
W8270 - Semivolatiles Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,2-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,3-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,4-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4,5-Trichlorophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4,6-Trichlorophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dichlorophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dimethylphenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dinitrophenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
2,6-Dinitrotoluene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Chloronaphthalene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Chlorophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Methylnaphthalene	ND	(1.3) [0.131061]	15	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Methylphenol(o-cresol)	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Nitroaniline	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
2-Nitrophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
3,3'-Dichlorobenzidine	ND	(2.6) [0.131061]	ND	(26) [1.300390]	ND	(26) [1.287514]	ND	(0.89) [0.044682]
3-Nitroaniline	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
4,6-Dinitro-2-methylphenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				CONCENTRATION (PPM)			
	LOCATION ID		SAMPLE ID									
	06	06	06	06	06	06	06	06	06	06	06	06
	06-MW-04	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01
	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12
4-Bromophenyl phenyl ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
4-Chloro-3-methylphenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
4-Chlorophenyl phenyl ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
4-Methylphenol (p-cresol)	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
4-Nitroaniline	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(64) [1.287514]	ND	(2.2) [0.044682]	ND	(2.2) [0.044682]
4-Nitrophenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(64) [1.287514]	ND	(2.2) [0.044682]	ND	(2.2) [0.044682]
Acenaphthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Acenaphthylene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Anthracene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Benzo(a)anthracene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Benzo(a)pyrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Benzo(b)fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Benzo(g,h,i)perylene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Benzo(k)fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Benzoic acid	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(64) [1.287514]	ND	(2.2) [0.044682]	ND	(2.2) [0.044682]
Benzyl alcohol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Butylbenzylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Chrysene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Di-n-octylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Dibenz(a,h)anthracene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Dibenzofuran	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Dibutylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Diethylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Dimethylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Fluorene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Hexachlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Hexachlorobutadiene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]
Hexachlorocyclopentadiene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	ND	(0.45) [0.044682]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	06	06	06	06	06	06
	06-MW-04	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-02	06-SB-01-02
	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12	10 - 12
Hexachloroethane	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
Indeno(1,2,3-cd)pyrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
Isophorone	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
N-Nitrosodiphenylamine	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
N-Nitrosodipropylamine	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
Naphthalene	ND	(1.3) [0.131061]	3.2 J	(13) [1.300390]	4.6 J	(0.45) [0.044682]
Nitrobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
Pentachlorophenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(0.45) [0.044682]
Phenanthrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(2.2) [0.044682]
Phenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
Pyrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
bis(2-Chloroethoxy)methane	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
bis(2-Chloroethyl) ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
bis(2-Chloroisopropyl) ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]
bis(2-Ethylhexyl) phthalate	ND	(1.3) [0.131061]	3.1 J	(13) [1.300390]	0.82 J	(0.45) [0.044682]
p-Chloroaniline	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(0.45) [0.044682]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	06				06				06				
	LOCATION ID				LOCATION ID				LOCATION ID				
	SAMPLE ID				SAMPLE ID				SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)													

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)													
Diesel Range Organics (2)	ND	(20)	[101]	56	(25)	[126.6]	47000	(5000)	[24900]	42	(25)	[123]	
Gasoline Range Organics (2)	37	(9.8)	[98]	43	(12)	[121.3]	12000	(4900)	[49100]	16	(12)	[123]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)													
4,4'-DDD	2.8	(0.34)	[34.28179]	35	(0.42)	[42.22972]	57	(12)	[1204.819]	46	(0.41)	[41.13533]	
4,4'-DDE	2.5	(0.34)	[34.28179]	11	(0.42)	[42.22972]	17	(12)	[1204.819]	5	(0.41)	[41.13533]	
4,4'-DDT	20	(0.69)	[34.28179]	3	(0.84)	[42.22972]	15	KJ	[1204.819]	18	(0.82)	[41.13533]	
Aldrin	ND	(0.34)	[34.28179]	0.57	B	[42.22972]	ND	(12)	[1204.819]	0.089	KJB	(0.41)	[41.13533]
Chlordane	ND	(1.7)	[34.28179]	ND	(2.1)	[42.22972]	ND	(60)	[1204.819]	ND	(2.1)	[41.13533]	
Dieldrin	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	8.8	J	[1204.819]	ND	(0.41)	[41.13533]	
Endosulfan I	0.036	PJB	[34.28179]	ND	(0.42)	[42.22972]	ND	(12)	[1204.819]	ND	(0.41)	[41.13533]	
Endosulfan II	ND	(1)	[34.28179]	ND	(1.3)	[42.22972]	31	KJ	[1204.819]	0.97	KJB	(1.2)	[41.13533]
Endosulfan Sulfate	1.3	JB	[34.28179]	1.5	JB	[42.22972]	47	KJ	[1204.819]	1.7	KJB	(2.1)	[41.13533]
Endrin	2.5	B	[34.28179]	2.9	(0.42)	[42.22972]	ND	(12)	[1204.819]	ND	(0.41)	[41.13533]	
Endrin Aldehyde	ND	(0.69)	[34.28179]	ND	(0.84)	[42.22972]	ND	(24)	[1204.819]	0.23	KJB	(0.82)	[41.13533]
Heptachlor	ND	(0.34)	[34.28179]	0.27	KJB	[42.22972]	1.6	KJ	[1204.819]	ND	(0.41)	[41.13533]	
Heptachlor epoxide	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	1.2	PJB	[1204.819]	0.048	PJB	(0.41)	[41.13533]
Methoxychlor	ND	(1.7)	[34.28179]	ND	(2.1)	[42.22972]	ND	(60)	[1204.819]	0.078	KJ	(2.1)	[41.13533]
PCB-1016	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND	(120)	[1204.819]	ND	(4.1)	[41.13533]	
PCB-1221	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
PCB-1232	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
PCB-1242	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND	(120)	[1204.819]	ND	(4.1)	[41.13533]	
PCB-1248	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND	(120)	[1204.819]	ND	(4.1)	[41.13533]	
PCB-1254	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
PCB-1260	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND	(240)	[1204.819]	ND	(8.2)	[41.13533]	
Toxaphene	ND	(17)	[34.28179]	ND	(21)	[42.22972]	ND	(600)	[1204.819]	ND	(21)	[41.13533]	
alpha-BHC	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	16	(12)	[1204.819]	ND	(0.41)	[41.13533]	
beta-BHC	0.2	KJ	[34.28179]	0.18	PJ	[42.22972]	ND	(12)	[1204.819]	0.32	KJB	(0.41)	[41.13533]
delta-BHC	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	ND	(12)	[1204.819]	ND	(0.41)	[41.13533]	

06-SD-02													
06-SD-02-01													
0 - 0.5													

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
	06	06	06	06	06	06
	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02
	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01
	2 - 4	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
gamma-BHC	ND	(0.34) [34.28179]	ND	(0.42) [42.22972]	15	(12) [1204.819] 0.86 B (0.41) [41.13533]
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664] (6.2) [1.239157]
1,1,2,2-Tetrachloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664] (6.2) [1.239157]
1,1,2-Trichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664] (6.2) [1.239157]
1,1-Dichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664] (6.2) [1.239157]
1,1-Dichloroethene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664] (6.2) [1.239157]
1,2-Dichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664] (6.2) [1.239157]
1,2-Dichloropropane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664] (6.2) [1.239157]
2-Chloroethyl vinyl ether	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(6300) [626.5664] (12) [1.239157]
2-Hexanone	ND	(51) [1.028806]	ND	(63) [1.267427]	1400 J	(62) [1.239157]
4-Methyl-2-pentanone(MIBK)	ND	(51) [1.028806]	ND	(63) [1.267427]	ND	(62) [1.239157]
Acetone	1.6 JB	(100) [1.028806]	3.5 JB	(130) [1.267427]	ND	(120) [1.239157]
Benzene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Bromodichloromethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Bromomethane	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(12) [1.239157]
Carbon disulfide	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Carbon tetrachloride	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Chlorobenzene	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(12) [1.239157]
Chloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Chloroform	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(12) [1.239157]
Chloromethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Dibromochloromethane	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(12) [1.239157]
Ethyl benzene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Methyl ethyl ketone	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Methylene chloride	3.3 JB	(100) [1.028806]	9.7 B	(130) [1.267427]	ND	(120) [1.239157]
Styrene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Tetrachloroethene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(6.2) [1.239157]
Toluene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	1000 J	(6.2) [1.239157]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	06	06	06	06	06	06	06	06
	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02
	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01
	2 - 4	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tribromomethane(Bromoform)	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Trichloroethene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Vinyl acetate	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Vinyl chloride	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(6300) [626.5664]	ND	(12) [1.239157]
Xylenes	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	5800	(3100) [626.5664]	ND	(6.2) [1.239157]
cis-1,3-Dichloropropene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
trans-1,2-Dichloroethene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
trans-1,3-Dichloropropene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
1,2-Dichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
1,3-Dichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
1,4-Dichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2,4,5-Trichlorophenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2,4,6-Trichlorophenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2,4-Dichlorophenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2,4-Dimethylphenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2,4-Dinitrophenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	ND	(1.8) [0.035326]
2,4-Dinitrotoluene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2,6-Dinitrotoluene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2-Chloronaphthalene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2-Chlorophenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2-Methylnaphthalene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2-Methylphenol(o-cresol)	ND	(1) [0.102368]	ND	(0.42) [0.042121]	24	(12) [1.171152]	ND	(0.35) [0.035326]
2-Nitroaniline	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
2-Nitrophenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	ND	(1.8) [0.035326]
3,3'-Dichlorobenzidine	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	ND	(0.35) [0.035326]
3-Nitroaniline	ND	(2) [0.102368]	ND	(0.84) [0.042121]	ND	(23) [1.171152]	ND	(0.71) [0.035326]
4,6-Dinitro-2-methylphenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	ND	(1.8) [0.035326]
	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	ND	(1.8) [0.035326]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor

Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	06	06	06	06	06	06
	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02
	06-SB-02-01	06-SB-02-02	06-SB-02-01	06-SB-02-02	06-SB-02-01	06-SB-02-02
	2 - 4	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
4-Chloro-3-methylphenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
4-Chlorophenyl phenyl ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
4-Methylphenol (p-cresol)	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
4-Nitroaniline	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]
4-Nitrophenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]
Acenaphthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Acenaphthylene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Benzo(a)anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Benzo(a)pyrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Benzo(b)fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Benzo(g,h,i)perylene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Benzo(k)fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Benzoic acid	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]
Benzyl alcohol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Butylbenzylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Chrysene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Di-n-octylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Dibenz(a,h)anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Dibenzofuran	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Dibutylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Diethylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Dimethylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Fluorene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Hexachlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Hexachlorobutadiene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]
Hexachlorocyclopentadiene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	06		06		06					
	06-SS-01 0 - 0.5	06-SS-02 0 - 0.5	06-SS-03 0 - 0.5	06-SS-04 0 - 0.5	06-SS-01 0 - 0.5	06-SS-02 0 - 0.5	06-SS-03 0 - 0.5	06-SS-04 0 - 0.5	06-SS-01 0 - 0.5	06-SS-02 0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	890	(100)	[521]	1600	(210)	[1060]	130	(20)	[101]	23 B
Gasoline Range Organics (2)	14 B	(9.9)	[99]	ND	(10)	[105]	11 B	(10)	[101]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	14	(0.35)	[35.03854]	120	(1.1)	[105.6300]	60	(1)	[101.7708]	130 P
4,4'-DDE	ND	(0.35)	[35.03854]	12	(1.1)	[105.6300]	9.1	(1)	[101.7708]	140
4,4'-DDT	24	(0.7)	[35.03854]	130	(2.1)	[105.6300]	170	(2)	[101.7708]	1200
Aldrin	ND	(0.35)	[35.03854]	0.63 KJB	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.79 B
Chlordane	ND	(1.8)	[35.03854]	ND	(5.3)	[105.6300]	ND	(5.1)	[101.7708]	ND
Dieldrin	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
Endosulfan I	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
Endosulfan II	0.32 PJB	(1.1)	[35.03854]	3.4	(3.2)	[105.6300]	2.3 KJ	(3.1)	[101.7708]	1.9 PB
Endosulfan Sulfate	ND	(1.8)	[35.03854]	5.1 KJ	(5.3)	[105.6300]	ND	(5.1)	[101.7708]	ND
Endrin	2.6 B	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
Endrin Aldehyde	0.038 PJB	(0.7)	[35.03854]	0.61 KJB	(2.1)	[105.6300]	0.62 JB	(2)	[101.7708]	1.7
Heptachlor	0.42 B	(0.35)	[35.03854]	0.23 PJB	(1.1)	[105.6300]	0.069 PJB	(1)	[101.7708]	0.098 KJB
Heptachlor epoxide	0.61 B	(0.35)	[35.03854]	1.9 PB	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.32 PJB
Methoxychlor	ND	(1.8)	[35.03854]	ND	(5.3)	[105.6300]	2.8 KJ	(5.1)	[101.7708]	6.6
PCB-1016	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND
PCB-1221	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
PCB-1232	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
PCB-1242	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND
PCB-1248	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND
PCB-1254	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
PCB-1260	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND
Toxaphene	ND	(18)	[35.03854]	ND	(53)	[105.6300]	ND	(51)	[101.7708]	ND
alpha-BHC	0.58 PB	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.64 B
beta-BHC	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND
delta-BHC	0.88 B	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.2 PJB

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				06				06				06			
	LOCATION ID				SAMPLE ID				06-SS-01				06-SS-02				06-SS-03			
									06-SS-01-01				06-SS-02-01				06-SS-03-01			
									0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
gamma-BHC	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.74 B	(0.34)	[34.04834]					
SW8240 - Volatile Organics (ug/kg)																				
1,1,1-Trichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
1,1,2,2-Tetrachloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
1,1,2-Trichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
1,1-Dichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
1,1-Dichloroethene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
1,2-Dichloroethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
1,2-Dichloropropane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
2-Chloroethyl vinyl ether	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]					
2-Hexanone	ND	(53)	[1.052631]	ND	(53)	[1.061571]	ND	(53)	[1.061571]	ND	(52)	[1.032951]	ND	(51)	[1.022494]					
4-Methyl-2-pentanone(MIBK)	ND	(53)	[1.052631]	ND	(53)	[1.061571]	ND	(53)	[1.061571]	ND	(52)	[1.032951]	ND	(51)	[1.022494]					
Acetone	ND	(110)	[1.052631]	ND	(110)	[1.061571]	ND	(110)	[1.061571]	ND	(100)	[1.032951]	ND	(100)	[1.022494]					
Benzene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Bromodichloromethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Bromomethane	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]					
Carbon disulfide	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Carbon tetrachloride	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Chlorobenzene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Chloroethane	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]					
Chloroform	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Chloromethane	ND	(11)	[1.052631]	ND	(11)	[1.061571]	ND	(11)	[1.061571]	ND	(10)	[1.032951]	ND	(10)	[1.022494]					
Dibromochloromethane	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Ethyl benzene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Methyl ethyl ketone	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Methylene chloride	ND	(110)	[1.052631]	ND	(110)	[1.061571]	ND	(110)	[1.061571]	ND	(100)	[1.032951]	ND	(100)	[1.022494]					
Styrene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Tetrachloroethene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					
Toluene	ND	(5.3)	[1.052631]	ND	(5.3)	[1.061571]	ND	(5.3)	[1.061571]	ND	(5.2)	[1.032951]	ND	(5.1)	[1.022494]					

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		06		06	
	06-SS-01	06-SS-02	06-SS-03	06-SS-04	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Chloro-3-methylphenol	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Chlorophenyl phenyl ether	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Methylphenol(p-cresol)	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
4-Nitroaniline	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
4-Nitrophenol	ND	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
Acenaphthene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	0.045 J	(0.34) [0.034083]
Acenaphthylene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Anthracene	ND	(0.35) [0.035026]	0.032 J	(1.1) [0.105106]	0.091 J	(1) [0.102171]	0.25 J	(0.34) [0.034083]
Benzo(a)anthracene	ND	(0.35) [0.035026]	0.13 J	(1.1) [0.105106]	0.36 J	(1) [0.102171]	0.76	(0.34) [0.034083]
Benzo(a)pyrene	ND	(0.35) [0.035026]	0.14 J	(1.1) [0.105106]	0.38 J	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzo(b)fluoranthene	ND	(0.35) [0.035026]	0.35 JF	(1.1) [0.105106]	0.36 J	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzo(g,h,i)perylene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	0.12 J	(1) [0.102171]	0.23 J	(0.34) [0.034083]
Benzo(k)fluoranthene	ND	(0.35) [0.035026]	0.35 JF	(1.1) [0.105106]	0.38 J	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzoic acid	0.078 J	(1.8) [0.035026]	ND	(5.3) [0.105106]	ND	(5.1) [0.102171]	ND	(1.7) [0.034083]
Benzyl alcohol	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Butylbenzylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Chrysene	ND	(0.35) [0.035026]	0.17 J	(1.1) [0.105106]	0.42 J	(1) [0.102171]	0.91	(0.34) [0.034083]
Di-n-octylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Dibenz(a,h)anthracene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	0.13 J	(1) [0.102171]	0.17 J	(0.34) [0.034083]
Dibenzofuran	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Dibutylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Diethylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Dimethylphthalate	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Fluoranthene	ND	(0.35) [0.035026]	0.18 J	(1.1) [0.105106]	0.57 J	(1) [0.102171]	1.4	(0.34) [0.034083]
Fluorene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	0.042 J	(0.34) [0.034083]
Hexachlorobenzene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Hexachlorobutadiene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]
Hexachlorocyclopentadiene	ND	(0.35) [0.035026]	ND	(1.1) [0.105106]	ND	(1) [0.102171]	ND	(0.34) [0.034083]

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		06		07	
SW8015MEWP - Nonhalogenated Volatile Organics (mg/kg)	78	(20)	[102]	68	(21)	[103]	72	(35)	[177]	3600	(760)	[3800]
Diesel Range Organics (2)	ND	(10)	[100]	ND	(10)	[100]	19 B	(18)	[176]	21 B	(15)	[154]
Gasoline Range Organics (2)	130	(3.4)	[340.9478]	79	(1)	[103.0927]	1.5	(0.59)	[58.82352]	85	(0.51)	[51.22950]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	32	(0.34)	[34.09478]	96	(1)	[103.0927]	2	(0.59)	[58.82352]	11	(0.51)	[51.22950]
4,4'-DDD	690	(34)	[1704.739]	480	(21)	[1030.927]	1.4	(1.2)	[58.82352]	2.2	(1)	[51.22950]
4,4'-DDE	ND	(0.34)	[34.09478]	0.64 PJB	(1)	[103.0927]	1	(0.59)	[58.82352]	ND	(0.51)	[51.22950]
4,4'-DDT	ND	(1.7)	[34.09478]	ND	(5.2)	[103.0927]	ND	(2.9)	[58.82352]	ND	(2.6)	[51.22950]
Aldrin	ND	(0.34)	[34.09478]	ND	(1)	[103.0927]	ND	(0.59)	[58.82352]	ND	(0.51)	[51.22950]
Chlordane	ND	(0.34)	[34.09478]	ND	(1)	[103.0927]	ND	(0.59)	[58.82352]	ND	(0.51)	[51.22950]
Dieldrin	ND	(0.34)	[34.09478]	2.5 P	(1)	[103.0927]	0.58 KJB	(0.59)	[58.82352]	ND	(0.51)	[51.22950]
Endosulfan I	ND	(0.34)	[34.09478]	6.3	(3.1)	[103.0927]	1.7 KJ	(1.8)	[58.82352]	1.1 PJB	(1.5)	[51.22950]
Endosulfan II	ND	(1.7)	[34.09478]	2.4 KJB	(5.2)	[103.0927]	ND	(2.9)	[58.82352]	0.49 KJB	(2.6)	[51.22950]
Endosulfan Sulfate	3.1	(0.34)	[34.09478]	1.4 PB	(1)	[103.0927]	ND	(0.59)	[58.82352]	1.9 B	(0.51)	[51.22950]
Endrin	1.1	(0.68)	[34.09478]	2.4	(2.1)	[103.0927]	0.021 PJB	(1.2)	[58.82352]	0.65 JB	(1)	[51.22950]
Endrin Aldehyde	0.17 KJB	(0.34)	[34.09478]	ND	(1)	[103.0927]	0.062 PJB	(0.59)	[58.82352]	0.15 PJB	(0.51)	[51.22950]
Heptachlor	1.6 B	(0.34)	[34.09478]	1.3 PB	(1)	[103.0927]	0.64 PB	(0.59)	[58.82352]	0.66 PB	(0.51)	[51.22950]
Heptachlor epoxide	1.6 J	(1.7)	[34.09478]	6.5	(5.2)	[103.0927]	0.52 KJ	(2.9)	[58.82352]	4.3	(2.6)	[51.22950]
Methoxychlor	ND	(3.4)	[34.09478]	ND	(10)	[103.0927]	ND	(5.9)	[58.82352]	ND	(5.1)	[51.22950]
PCB-1016	ND	(6.8)	[34.09478]	ND	(21)	[103.0927]	ND	(12)	[58.82352]	ND	(10)	[51.22950]
PCB-1221	ND	(6.8)	[34.09478]	ND	(21)	[103.0927]	ND	(12)	[58.82352]	ND	(10)	[51.22950]
PCB-1232	ND	(3.4)	[34.09478]	ND	(10)	[103.0927]	ND	(5.9)	[58.82352]	ND	(5.1)	[51.22950]
PCB-1242	ND	(3.4)	[34.09478]	ND	(10)	[103.0927]	ND	(5.9)	[58.82352]	ND	(5.1)	[51.22950]
PCB-1248	ND	(6.8)	[34.09478]	ND	(21)	[103.0927]	ND	(12)	[58.82352]	ND	(10)	[51.22950]
PCB-1254	ND	(6.8)	[34.09478]	ND	(21)	[103.0927]	ND	(12)	[58.82352]	ND	(10)	[51.22950]
PCB-1260	ND	(17)	[34.09478]	ND	(52)	[103.0927]	ND	(29)	[58.82352]	ND	(26)	[51.22950]
Toxaphene	ND	(0.34)	[34.09478]	1.5	(1)	[103.0927]	ND	(0.59)	[58.82352]	0.71 B	(0.51)	[51.22950]
alpha-BHC	ND	(0.34)	[34.09478]	ND	(1)	[103.0927]	0.32 KJB	(0.59)	[58.82352]	ND	(0.51)	[51.22950]
beta-BHC	ND	(0.34)	[34.09478]	ND	(1)	[103.0927]	1.1 PB	(0.59)	[58.82352]	1.9 P	(0.51)	[51.22950]
delta-BHC	0.64 B	(0.34)	[34.09478]	ND	(1)	[103.0927]						

Compiled: 23 May 1995

() = Detection Limit [] = Factor

NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER												

06												
06-SS-05												
06-SS-05-01												
0 - 0.5												
06												
06-SS-06												
06-SS-06-01												
0 - 0.5												
07												
07-MW-01												
07-MW-01-02												
5 - 6.5												
07												
07-MW-02												
07-MW-02-02												
2 - 4												

gamma-BHC	ND	(0.34)	[34.09478]	ND	(1)	[103.0927]	0.9 B	(0.59)	[58.82352]	0.85 B	(0.51)	[51.22950]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
1,1,2,2-Tetrachloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
1,1,2-Trichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
1,1-Dichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
1,1-Dichloroethene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
1,2-Dichloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
1,2-Dichloropropane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
2-Chloroethyl vinyl ether	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND	(7.7)	[1.538461]
2-Hexanone	ND	(51)	[1.024590]	ND	(52)	[1.030927]	ND	(89)	[1.776198]	ND	(15)	[1.538461]
4-Methyl-2-pentanone(MIBK)	ND	(51)	[1.024590]	ND	(52)	[1.030927]	ND	(89)	[1.776198]	ND	(77)	[1.538461]
Acetone	ND	(100)	[1.024590]	3 JB	(100)	[1.030927]	ND	(180)	[1.776198]	320	(150)	[1.538461]
Benzene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Bromodichloromethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Bromomethane	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND	(15)	[1.538461]
Carbon disulfide	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Carbon tetrachloride	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Chlorobenzene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Chloroethane	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND	(15)	[1.538461]
Chloroform	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Chloromethane	ND	(10)	[1.024590]	ND	(10)	[1.030927]	ND	(18)	[1.776198]	ND	(15)	[1.538461]
Dibromochloromethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Ethyl benzene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Methyl ethyl ketone	ND	(100)	[1.024590]	ND	(100)	[1.030927]	ND	(180)	[1.776198]	25 JB	(150)	[1.538461]
Methylene chloride	5.9 B	(5.1)	[1.024590]	4.5 JB	(5.2)	[1.030927]	13	(8.9)	[1.776198]	7.9 B	(7.7)	[1.538461]
Styrene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Tetrachloroethane	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	ND	(7.7)	[1.538461]
Toluene	ND	(5.1)	[1.024590]	ND	(5.2)	[1.030927]	ND	(8.9)	[1.776198]	0.89 JB	(7.7)	[1.538461]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	06	07	06	07	06	07	06	07
	06-SS-05	07-MW-01	06-SS-06	07-MW-02	06-SS-06-01	07-MW-01-02	06-SS-05-01	07-MW-02-02
	0 - 0.5	5 - 6.5	0 - 0.5	2 - 4				
4-Bromophenyl phenyl ether	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
4-Chloro-3-methylphenol	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
4-Chlorophenyl phenyl ether	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
4-Methylphenol (p-cresol)	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
4-Nitroaniline	ND		ND		(1.7) [0.034073]	(5.2) [0.103092]	ND	(69) [1.373626]
4-Nitrophenol	ND		ND		(1.7) [0.034073]	(5.2) [0.103092]	ND	(69) [1.373626]
Acenaphthene	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Acenaphthylene	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Anthracene	0.0039 J		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Benzo(a)anthracene	0.021 J		0.11 J		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Benzo(a)pyrene	0.033 J		0.17 J		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Benzo(b)fluoranthene	0.03 J		0.081 J		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Benzo(g,h,i)perylene	ND		0.21 J		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Benzo(k)fluoranthene	0.021 J		0.029 J		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Benzoic acid	ND		ND		(1.7) [0.034073]	(5.2) [0.103092]	ND	(69) [1.373626]
Benzyl alcohol	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Butylbenzylphthalate	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Chrysene	0.039 J		0.18 J		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Di-n-octylphthalate	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Dibenz(a,h)anthracene	ND		0.054 JB		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Dibenzofuran	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Diethylphthalate	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Diethylphthalate	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Dimethylphthalate	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Fluoranthene	0.037 J		0.046 J		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Fluorene	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Hexachlorobenzene	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Hexachlorobutadiene	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]
Hexachlorocyclopentadiene	ND		ND		(0.34) [0.034073]	(1) [0.103092]	ND	(14) [1.373626]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				07			
	LOCATION ID		SAMPLE ID		06		07		07		07	
					06-SS-05-01		06-SS-06-01		07-MW-01-02		07-MW-02-02	
					0 - 0.5		0 - 0.5		5 - 6.5		2 - 4	
Hexachloroethane	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Indeno(1,2,3-cd)pyrene	ND	(0.34)	[0.034073]	0.067 J	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Isophorone	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
N-Nitrosodiphenylamine	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
N-Nitrosodipropylamine	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Naphthalene	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Nitrobenzene	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Pentachlorophenol	ND	(1.7)	[0.034073]	ND	(5.2)	[0.103092]	ND	(3)	[0.059009]	ND	(14)	[1.373626]
Phenanthrene	0.025 J	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(69)	[1.373626]
Phenol	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
Pyrene	0.04 J	(0.34)	[0.034073]	0.068 J	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Chloroethoxy)methane	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Chloroethyl) ether	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Chloroisopropyl) ether	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
bis(2-Ethylhexyl) phthalate	0.083 JB	(0.34)	[0.034073]	0.19 J	(1)	[0.103092]	ND	(0.59)	[0.059009]	ND	(14)	[1.373626]
p-Chloroaniline	ND	(0.34)	[0.034073]	ND	(1)	[0.103092]	ND	(0.59)	[0.059009]	3.7 J	(14)	[1.373626]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)												
Acenaphthene	NA			NA			NA	(320)	[176.3668]	ND	(2700)	[1508.295]
Acenaphthylene	NA			NA			NA	(410)	[176.3668]	ND	(3500)	[1508.295]
Anthracene	NA			NA			NA	(120)	[176.3668]	ND	(1000)	[1508.295]
Benzo(a)anthracene	NA			NA			NA	(2.3)	[176.3668]	ND	(20)	[1508.295]
Benzo(a)pyrene	NA			NA			NA	(4.1)	[176.3668]	ND	(35)	[1508.295]
Benzo(b)fluoranthene	NA			NA			NA	(3.2)	[176.3668]	ND	(27)	[1508.295]
Benzo(g,h,i)perylene	NA			NA			NA	(13)	[176.3668]	ND	(110)	[1508.295]
Benzo(k)fluoranthene	NA			NA			NA	(3)	[176.3668]	ND	(26)	[1508.295]
Chrysene	NA			NA			NA	(26)	[176.3668]	ND	(230)	[1508.295]
Dibenzo(a,h)anthracene	NA			NA			NA	(5.3)	[176.3668]	ND	(45)	[1508.295]
Fluoranthene	NA			NA			NA	(37)	[176.3668]	ND	(320)	[1508.295]
Fluorene	NA			NA			NA	(37)	[176.3668]	210 J	(320)	[1508.295]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
Indeno(1,2,3-cd)pyrene	06	06	07	07
	06-SS-05	06-SS-06	07-MW-01	07-MW-02
	06-SS-05-01	06-SS-06-01	07-MW-01-02	07-MW-02-02
	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4
Naphthalene	NA	NA	ND	(65)
	NA	NA	ND	(2700)
	NA	NA	120	(970)
	NA	NA	8.3 J	(410)
Phenanthrene	NA	NA	ND	(1508.295)
	NA	NA	ND	(1508.295)
	NA	NA	ND	(1508.295)
	NA	NA	ND	(1508.295)

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
SW8015MEMP - Nonhalogenated Volatile Organics	07		07							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
SW8080 - Organochlorine Pesticides and PCBs	07		07							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
SW8015MEMP - Nonhalogenated Volatile Organics	07		07							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
SW8080 - Organochlorine Pesticides and PCBs	07		07							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
SW8015MEMP - Nonhalogenated Volatile Organics	07		07							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
SW8080 - Organochlorine Pesticides and PCBs	07		07							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							
	07-MW-03		07-MW-03							
	07-MW-03-02		07-MW-03-02							
	1.5 - 3		1.5 - 3							

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	07	07	07	07	07	07
	07-MW-03	07-MW-03	07-MW-03	07-MW-04	07-SB-01	07-SB-01
	1.5 - 3	1.5 - 3	1.5 - 3	10 - 12	3 - 5	3 - 5
4-Bromophenyl phenyl ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
4-Chloro-3-methylphenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
4-Chlorophenyl phenyl ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
4-Methylphenol (p-cresol)	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
4-Nitroaniline	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(6.5) [0.129127]
4-Nitrophenol	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(6.5) [0.129127]
Acenaphthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Acenaphthylene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Anthracene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Benzo(a)anthracene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Benzo(a)pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Benzo(b)fluoranthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Benzo(g,h,i)perylene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Benzo(k)fluoranthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Benzoic acid	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(6.5) [0.129127]
Benzyl alcohol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Butylbenzylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Chrysene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Di-n-octylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Dibenz(a,h)anthracene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Dibenzofuran	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Dibutylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Diethylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Dimethylphthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Fluoranthene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Fluorene	ND	(16) [1.582278]	1.8 J	(14) [1.446926]	ND	(1.3) [0.129127]
Hexachlorobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Hexachlorobutadiene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]
Hexachlorocyclopentadiene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(1.3) [0.129127]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	07	07	07	07	07	07	07	07
	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03	07-MW-03
	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02	07-MW-03-02
	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3
Hexachloroethane	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Indeno(1,2,3-cd)pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Isophorone	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
N-Nitrosodiphenylamine	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
N-Nitrosodipropylamine	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Naphthalene	8.6 J	(16) [1.582278]	19	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Nitrobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Pentachlorophenol	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
Phenanthrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Phenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroethoxy)methane	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroethyl) ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroisopropyl) ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Ethylhexyl) phthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
p-Chloroaniline	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	2.8	(1.3) [0.129127]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(2800) [1557.632]	ND	(2700) [1519.756]	12 J	(200) [112.6126]	120 J	(230) [127.3885]
Acenaphthylene	1800 J	(3600) [1557.632]	1900 J	(3500) [1519.756]	ND	(260) [112.6126]	ND	(290) [127.3885]
Anthracene	460 J	(1000) [1557.632]	440 J	(1000) [1519.756]	ND	(74) [112.6126]	ND	(84) [127.3885]
Benzo(a)anthracene	ND	(20) [1557.632]	ND	(20) [1519.756]	ND	(1.5) [112.6126]	2.6	(1.7) [127.3885]
Benzo(a)pyrene	ND	(36) [1557.632]	ND	(35) [1519.756]	ND	(2.6) [112.6126]	2 J	(2.9) [127.3885]
Benzo(b)fluoranthene	ND	(28) [1557.632]	ND	(27) [1519.756]	3	(2) [112.6126]	8.4	(2.3) [127.3885]
Benzo(g,h,i)perylene	ND	(120) [1557.632]	ND	(120) [1519.756]	12	(8.6) [112.6126]	9.3 J	(9.7) [127.3885]
Benzo(k)fluoranthene	ND	(26) [1557.632]	ND	(26) [1519.756]	0.77 J	(1.9) [112.6126]	0.88 J	(2.2) [127.3885]
Chrysene	ND	(230) [1557.632]	ND	(230) [1519.756]	ND	(17) [112.6126]	13 J	(19) [127.3885]
Dibenzo(a,h)anthracene	ND	(47) [1557.632]	ND	(46) [1519.756]	ND	(3.4) [112.6126]	ND	(3.8) [127.3885]
Fluoranthene	560	(330) [1557.632]	ND	(320) [1519.756]	ND	(24) [112.6126]	26 J	(27) [127.3885]
Fluorene	540	(330) [1557.632]	600	(320) [1519.756]	ND	(24) [112.6126]	ND	(27) [127.3885]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	07
	07-MW-03	07-MW-03	07-MW-04	07-SB-01
	07-MW-03-02	07-DS-01 Dup of 07-MW-03-02	07-MW-04-02	07-SB-01-01
	1.5 - 3	1.5 - 3	10 - 12	3 - 5

Indeno(1,2,3-cd)pyrene	48 J	ND	4.7 J	ND
Naphthalene	27000	32000	16 J	2.1 J
Phenanthrene	2800	2800	1100	200
Pyrene	690	490	ND	ND
	(67) [1557.632]	(65) [1519.756]	(4.8) [112.6126]	(5.5) [127.3885]
	(2800) [1557.632]	(2700) [1519.756]	(200) [112.6126]	(230) [127.3885]
	(1000) [1557.632]	(970) [1519.756]	(72) [112.6126]	(82) [127.3885]
	(420) [1557.632]	(410) [1519.756]	(30) [112.6126]	(34) [127.3885]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				07				07				07			
	LOCATION ID		SAMPLE ID		07-SB-02		07-SB-03		07-SD-01		07-SD-01-01		07-SD-01		07-SD-01-01		07-SD-01		07-SD-01-01	
	3 - 5		3 - 5		3 - 5		3 - 5		3 - 5		3 - 5		3 - 5		3 - 5		3 - 5		3 - 5	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	790	(300)	[1490]		36	(27)	[133]		26000	(5600)	[28200]		45000	(7500)	[37700]					
Diesel Range Organics (2)	17 B	(15)	[150]		ND	(13)	[134]		ND	(1400)	[13900]		ND	(1300)	[13300]					
Gasoline Range Organics (2)																				
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																				
4,4'-DDD	11	(0.5)	[49.82561]		ND	(0.45)	[44.80286]		1300	(9.4)	[941.3979]		810	(9.1)	[911.7016]					
4,4'-DDE	1.5 P	(0.5)	[49.82561]		0.53	(0.45)	[44.80286]		120	(9.4)	[941.3979]		74	(9.1)	[911.7016]					
4,4'-DDT	1.3	(1)	[49.82561]		0.088 PJB	(0.9)	[44.80286]		1.4 PJ	(19)	[941.3979]		0.89 PJB	(18)	[911.7016]					
Aldrin	1.1	(0.5)	[49.82561]		1.1	(0.45)	[44.80286]		ND	(9.4)	[941.3979]		ND	(0.65)	[64.85084]					
Chlordane	ND	(2.5)	[49.82561]		ND	(2.2)	[44.80286]		ND	(47)	[941.3979]		ND	(46)	[911.7016]					
Dieldrin	ND	(0.5)	[49.82561]		0.32 PJB	(0.45)	[44.80286]		20 P	(9.4)	[941.3979]		22 P	(9.1)	[911.7016]					
Endosulfan I	0.45 JB	(0.5)	[49.82561]		0.19 KJB	(0.45)	[44.80286]		8.5 KJ	(9.4)	[941.3979]		7.1 KJ	(9.1)	[911.7016]					
Endosulfan II	ND	(1.5)	[49.82561]		0.19 PJB	(1.3)	[44.80286]		5.1 KJ	(28)	[941.3979]		ND	(27)	[911.7016]					
Endosulfan Sulfate	ND	(2.5)	[49.82561]		0.69 KJB	(2.2)	[44.80286]		23 KJ	(47)	[941.3979]		12 KJ	(46)	[911.7016]					
Endrin	ND	(0.5)	[49.82561]		ND	(0.45)	[44.80286]		29	(9.4)	[941.3979]		28	(9.1)	[911.7016]					
Endrin Aldehyde	0.74 KJ	(1)	[49.82561]		0.34 KJB	(0.9)	[44.80286]		4 KJ	(19)	[941.3979]		5.3 KJ	(18)	[911.7016]					
Heptachlor	0.0065 PJB	(0.5)	[49.82561]		0.068 PJB	(0.45)	[44.80286]		5.5 J	(9.4)	[941.3979]		5.1 J	(9.1)	[911.7016]					
Heptachlor epoxide	0.81 PB	(0.5)	[49.82561]		0.32 PJB	(0.45)	[44.80286]		5.4 PJ	(9.4)	[941.3979]		5.8 PJ	(9.1)	[911.7016]					
Methoxychlor	1.1 KJ	(2.5)	[49.82561]		0.36 KJ	(2.2)	[44.80286]		16 KJ	(47)	[941.3979]		ND	(46)	[911.7016]					
PCB-1016	ND	(5)	[49.82561]		ND	(4.5)	[44.80286]		ND	(94)	[941.3979]		ND	(91)	[911.7016]					
PCB-1221	ND	(10)	[49.82561]		ND	(9)	[44.80286]		ND	(190)	[941.3979]		ND	(180)	[911.7016]					
PCB-1232	ND	(10)	[49.82561]		ND	(9)	[44.80286]		ND	(190)	[941.3979]		ND	(180)	[911.7016]					
PCB-1242	ND	(5)	[49.82561]		ND	(4.5)	[44.80286]		ND	(94)	[941.3979]		ND	(91)	[911.7016]					
PCB-1248	ND	(5)	[49.82561]		ND	(4.5)	[44.80286]		ND	(94)	[941.3979]		ND	(91)	[911.7016]					
PCB-1254	ND	(10)	[49.82561]		ND	(9)	[44.80286]		ND	(190)	[941.3979]		ND	(180)	[911.7016]					
PCB-1260	ND	(10)	[49.82561]		ND	(9)	[44.80286]		ND	(190)	[941.3979]		ND	(180)	[911.7016]					
Toxaphene	ND	(25)	[49.82561]		ND	(22)	[44.80286]		ND	(470)	[941.3979]		ND	(460)	[911.7016]					
alpha-BHC	ND	(0.5)	[49.82561]		ND	(0.45)	[44.80286]		16	(9.4)	[941.3979]		16	(9.1)	[911.7016]					
beta-BHC	ND	(0.5)	[49.82561]		0.4 KJB	(0.45)	[44.80286]		6.7 PJ	(9.4)	[941.3979]		ND	(9.1)	[911.7016]					
delta-BHC	4.1 P	(0.5)	[49.82561]		1.8 P	(0.45)	[44.80286]		30	(9.4)	[941.3979]		27	(9.1)	[911.7016]					

Compiled: 23 March 1995

() = Detection Limit

[] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	07 07-SB-02 07-SB-02-01 3 - 5	07 07-SB-03 07-SB-03-01 3 - 5	07 07-SB-01 07-SB-01-01 0 - 0.5	07 07-SD-01 07-SD-01-01 0 - 0.5	07 07-DS-03 Dup of 07-SD-01-01 0 - 0.5			
gamma-BHC	1.1 B	(0.5)	[49.82561]	0.73 PB	(0.45)	[44.80286]	ND	(9.1) [911.7016]
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
1,1,2,2-Tetrachloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
1,1,2-Trichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
1,1-Dichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
1,1-Dichloroethene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
1,2-Dichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
1,2-Dichloropropane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
2-Chloroethyl vinyl ether	ND	(15)	[1.499250]	ND	(13)	[1.349527]	ND	(140) [27.35978]
2-Hexanone	ND	(75)	[1.499250]	ND	(67)	[1.349527]	ND	(270) [27.35978]
4-Methyl-2-pentanone (MIBK)	ND	(75)	[1.499250]	ND	(67)	[1.349527]	ND	(1400) [27.35978]
Acetone	41 JB	(150)	[1.499250]	65 JB	(130)	[1.349527]	ND	(2700) [27.35978]
Benzene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Bromodichloromethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Bromomethane	ND	(15)	[1.499250]	ND	(13)	[1.349527]	ND	(270) [27.35978]
Carbon disulfide	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Carbon tetrachloride	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Chlorobenzene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Chloroethane	ND	(15)	[1.499250]	ND	(13)	[1.349527]	ND	(270) [27.35978]
Chloroform	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Chloromethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Dibromochloromethane	ND	(15)	[1.499250]	ND	(13)	[1.349527]	ND	(270) [27.35978]
Ethyl benzene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Methyl ethyl ketone	ND	(150)	[1.499250]	8.5 JB	(130)	[1.349527]	ND	(2700) [27.35978]
Methylene chloride	6.3 JB	(7.5)	[1.499250]	1.9 JB	(6.7)	[1.349527]	ND	(140) [27.35978]
Styrene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Tetrachloroethene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]
Toluene	0.42 JB	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140) [27.35978]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		07		07	
	07-SB-02 3 - 5		07-SB-03 3 - 5		07-SB-01 0 - 0.5		07-SB-01 0 - 0.5	
								07-SD-01 Dup of 07-SD-01-01 0 - 0.5
Tribromomethane(Bromoform)	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]
Trichloroethene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]
Vinyl acetate	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]
Vinyl chloride	ND	(15) [1.499250]	ND	(13) [1.349527]	ND	(280) [28.28854]	ND	(270) [27.35978]
Xylenes	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]
cis-1,3-Dichloropropene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]
trans-1,2-Dichloroethene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]
trans-1,3-Dichloropropene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
1,2-Dichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
1,3-Dichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
1,4-Dichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2,4,5-Trichlorophenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2,4,6-Trichlorophenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2,4-Dichlorophenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2,4-Dimethylphenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2,4-Dinitrophenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]
2,4-Dinitrotoluene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2,6-Dinitrotoluene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2-Chloronaphthalene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2-Chlorophenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2-Methylnaphthalene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2-Methylphenol(o-cresol)	0.8 J	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2-Nitroaniline	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
2-Nitrophenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]
3,3'-Dichlorobenzidine	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]
3-Nitroaniline	ND	(3) [0.149925]	ND	(0.9) [0.044954]	ND	(26) [1.285842]	ND	(20) [1.005874]
4,6-Dinitro-2-methylphenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]
	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	07 07-SB-02 07-SB-02-01 3 - 5	07 07-SB-03 07-SB-03-01 3 - 5	07 07-SB-01 07-SB-01-01 0 - 0.5	07 07-SD-01 07-SD-01-01 0 - 0.5	07 07-DS-03 Dup of 07-SD-01-01 0 - 0.5	07 07-SD-01 07-SD-01-01 0 - 0.5
4-Bromophenyl phenyl ether	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Chloro-3-methylphenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Chlorophenyl phenyl ether	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Methylphenol (p-cresol)	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Nitroaniline	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]
4-Nitrophenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]
Acenaphthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Acenaphthylene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Anthracene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(a)anthracene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(a)pyrene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(b)fluoranthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(g,h,i)perylene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(k)fluoranthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzoic acid	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]
Benzyl alcohol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Butylbenzylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Chrysene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Di-n-octylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dibenz(a,h)anthracene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dibenzofuran	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dibutylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Diethylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dimethylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Fluoranthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Fluorene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Hexachlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Hexachlorobutadiene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Hexachlorocyclopentadiene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07				07				07				07					
	07-SB-02				07-SB-03				07-SD-01				07-SD-01					
	07-SB-02-01				07-SB-03-01				07-SD-01-01				07-SD-01-01					
	3 - 5				3 - 5				0 - 0.5				0 - 0.5					
BEG. DEPTH - END DEPTH (FT.)																		
Hexachloroethane	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
Indeno(1,2,3-cd)pyrene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
Isophorone	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
N-Nitrosodiphenylamine	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
N-Nitrosodipropylamine	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
Naphthalene	0.32 J	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
Nitrobenzene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
Pentachlorophenol	ND	(7.5)	[0.149925]	ND	(2.2)	[0.044954]	ND	(64)	[1.285842]	ND	(50)	[1.005874]	ND	(50)	[1.005874]	ND	(10)	[1.005874]
Phenanthrene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
Phenol	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
Pyrene	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	0.33 J	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
bis(2-Chloroethoxy)methane	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
bis(2-Chloroethyl) ether	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
bis(2-Chloroisopropyl) ether	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
bis(2-Ethylhexyl) phthalate	ND	(1.5)	[0.149925]	0.049 JB	(0.45)	[0.044954]	0.74 J	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
p-Chloroaniline	ND	(1.5)	[0.149925]	ND	(0.45)	[0.044954]	ND	(13)	[1.285842]	ND	(10)	[1.005874]	ND	(10)	[1.005874]	ND	(10)	[1.005874]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)																		
Acenaphthene	ND	(260)	[145.9854]	220 J	(240)	[132.4503]	ND	(840)	[467.2897]	380 J	(820)	[454.5454]	ND	(820)	[454.5454]	ND	(1000)	[454.5454]
Acenaphthylene	310 J	(340)	[145.9854]	ND	(300)	[132.4503]	ND	(1100)	[467.2897]	ND	(1000)	[454.5454]	ND	(1000)	[454.5454]	ND	(300)	[454.5454]
Anthracene	ND	(96)	[145.9854]	ND	(87)	[132.4503]	ND	(310)	[467.2897]	19 J	(300)	[454.5454]	ND	(300)	[454.5454]	ND	(5.9)	[454.5454]
Benzo(a)anthracene	2.7	(1.9)	[145.9854]	3.4	(1.7)	[132.4503]	11	(6.1)	[467.2897]	16	(5.9)	[454.5454]	ND	(5.9)	[454.5454]	ND	(10)	[454.5454]
Benzo(a)pyrene	2.3 J	(3.4)	[145.9854]	2.8 J	(3)	[132.4503]	5.1 J	(11)	[467.2897]	8.6 J	(10)	[454.5454]	ND	(10)	[454.5454]	ND	(8.2)	[454.5454]
Benzo(b)fluoranthene	ND	(2.6)	[145.9854]	10	(2.4)	[132.4503]	22	(8.4)	[467.2897]	28	(8.2)	[454.5454]	ND	(8.2)	[454.5454]	ND	(35)	[454.5454]
Benzo(g,h,i)perylene	10 J	(11)	[145.9854]	17	(10)	[132.4503]	15 J	(36)	[467.2897]	12 J	(35)	[454.5454]	ND	(35)	[454.5454]	ND	(7.7)	[454.5454]
Benzo(k)fluoranthene	1.3 J	(2.5)	[145.9854]	1.1 J	(2.3)	[132.4503]	7.2 J	(7.9)	[467.2897]	9.8	(7.7)	[454.5454]	ND	(7.7)	[454.5454]	ND	(68)	[454.5454]
Chrysene	14 J	(22)	[145.9854]	ND	(20)	[132.4503]	ND	(70)	[467.2897]	ND	(68)	[454.5454]	ND	(68)	[454.5454]	ND	(14)	[454.5454]
Dibenzo(a,h)anthracene	ND	(4.4)	[145.9854]	ND	(4)	[132.4503]	ND	(14)	[467.2897]	ND	(14)	[454.5454]	ND	(14)	[454.5454]	ND	(95)	[454.5454]
Fluoranthene	4.6 J	(31)	[145.9854]	11 J	(28)	[132.4503]	100	(98)	[467.2897]	140	(95)	[454.5454]	ND	(95)	[454.5454]	ND	(95)	[454.5454]
Fluorene	ND	(31)	[145.9854]	ND	(28)	[132.4503]	68 J	(98)	[467.2897]	670	(95)	[454.5454]	ND	(95)	[454.5454]	ND	(95)	[454.5454]

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									
	BEG. DEPTH - END DEPTH (FT.)											

Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene Pyrene	ND	(6.3)	[145.9854]	2 J	(5.7)	[132.4503]	36	(20)	[467.2897]	46	(20)	[454.5454]
	170 J	(260)	[145.9854]	ND	(240)	[132.4503]	ND	(840)	[467.2897]	ND	(820)	[454.5454]
	900	(93)	[145.9854]	500	(85)	[132.4503]	310	(300)	[467.2897]	1200	(290)	[454.5454]
	ND	(39)	[145.9854]	ND	(36)	[132.4503]	94 J	(130)	[467.2897]	120	(120)	[454.5454]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
	07	07	07	07	07	07	07	07	07	07
	07-SD-02	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01
	07-SD-02-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	1600	(480)	[2380]	39000	(4700)	[23300]	37000	(4700)	[23300]	820
Gasoline Range Organics (2)	ND	(84)	[844]	3300	(1200)	[12500]	5500	(2500)	[25400]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	330	(1.6)	[157.2327]	390	(7.8)	[783.3920]	430	(7.8)	[777.9074]	450
4,4'-DDE	9.1	(1.6)	[157.2327]	22	(0.39)	[39.16960]	23	(0.39)	[38.89537]	100
4,4'-DDT	2.6 PJ	(3.1)	[157.2327]	1.5	(0.78)	[39.16960]	0.91 PB	(0.78)	[38.89537]	150
Aldrin	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Chlordane	ND	(7.9)	[157.2327]	ND	(2)	[39.16960]	ND	(1.9)	[38.89537]	ND
Dieldrin	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Endosulfan I	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Endosulfan II	2.9 KJ	(4.7)	[157.2327]	0.86 KJB	(1.2)	[39.16960]	0.8 KJB	(1.2)	[38.89537]	3.9 KJ
Endosulfan Sulfate	2.8 JB	(7.9)	[157.2327]	0.67 PJB	(2)	[39.16960]	0.8 PJB	(1.9)	[38.89537]	8 KJ
Endrin	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Endrin Aldehyde	1.4 KJ	(3.1)	[157.2327]	0.64 JB	(0.78)	[39.16960]	0.76 J	(0.78)	[38.89537]	2 KJ
Heptachlor	0.53 KJB	(1.6)	[157.2327]	1 B	(0.39)	[39.16960]	1.2	(0.39)	[38.89537]	1.2 KJ
Heptachlor epoxide	ND	(1.6)	[157.2327]	0.19 PJB	(0.39)	[39.16960]	0.25 PJB	(0.39)	[38.89537]	ND
Methoxychlor	1.9 KJ	(7.9)	[157.2327]	0.46 KJ	(2)	[39.16960]	ND	(1.9)	[38.89537]	ND
PCB-1016	ND	(16)	[157.2327]	ND	(3.9)	[39.16960]	ND	(3.9)	[38.89537]	ND
PCB-1221	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
PCB-1232	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
PCB-1242	ND	(16)	[157.2327]	ND	(3.9)	[39.16960]	ND	(3.9)	[38.89537]	ND
PCB-1248	ND	(16)	[157.2327]	ND	(3.9)	[39.16960]	ND	(3.9)	[38.89537]	ND
PCB-1254	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
PCB-1260	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
Toxaphene	ND	(79)	[157.2327]	ND	(20)	[39.16960]	ND	(19)	[38.89537]	ND
alpha-BHC	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	3.1	(0.39)	[38.89537]	ND
beta-BHC	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
delta-BHC	ND	(1.6)	[157.2327]	1.8	(0.39)	[39.16960]	1.6 B	(0.39)	[38.89537]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					BEG. DEPTH - END DEPTH (FT.)									
	LOCATION ID					SAMPLE ID									
	13	(1.6)	[157.2327]	9.8	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	3.7 P	(2.9)	[289.8550]			
gamma-BHC	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
SW8240 - Volatile Organics (ug/kg)	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
1,1,1-Trichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
1,1,2,2-Tetrachloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
1,1,2-Trichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
1,1-Dichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
1,1-Dichloroethene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
1,2-Dichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
1,2-Dichloropropane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
2-Chloroethyl vinyl ether	ND	(47)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]			
2-Hexanone	ND	(240)	[4.716981]	ND	(1300)	[26.07561]	ND	(3300)	[66.05019]	ND	(130)	[2.570694]			
4-Methyl-2-pentanone(MIBK)	ND	(240)	[4.716981]	ND	(1300)	[26.07561]	ND	(3300)	[66.05019]	ND	(130)	[2.570694]			
Acetone	ND	(470)	[4.716981]	ND	(2600)	[26.07561]	ND	(6600)	[66.05019]	83 JB	(260)	[2.570694]			
Benzene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Bromodichloromethane	ND	(24)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]			
Bromomethane	ND	(47)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Carbon disulfide	ND	(24)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]			
Carbon tetrachloride	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Chlorobenzene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Chloroethane	ND	(47)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]			
Chloroform	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Chloromethane	ND	(47)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]			
Dibromochloromethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Ethyl benzene	ND	(24)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]			
Methyl ethyl ketone	ND	(470)	[4.716981]	41 J	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Methylene chloride	ND	(24)	[4.716981]	ND	(2600)	[26.07561]	ND	(6600)	[66.05019]	ND	(260)	[2.570694]			
Styrene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Tetrachloroethene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]			
Toluene	ND	(24)	[4.716981]	170	(130)	[26.07561]	92 J	(330)	[66.05019]	ND	(13)	[2.570694]			

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							

Indeno(1,2,3-cd)pyrene Naphthalene Phenanthrene Pyrene	30 J	(34) [792.3930]	6.9 J	(8.4) [195.3125]	6 J	(8.3) [193.6483]	ND	(65) [1510.574]
	ND	(1400) [792.3930]	20000	(350) [195.3125]	17000	(350) [193.6483]	ND	(2700) [1510.574]
	ND	(510) [792.3930]	1400	(120) [195.3125]	1500	(120) [193.6483]	ND	(970) [1510.574]
	ND	(210) [792.3930]	98	(53) [195.3125]	95	(52) [193.6483]	ND	(410) [1510.574]
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RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID											
LOCATION ID											
SAMPLE ID											
BEG. DEPTH - END DEPTH (FT.)											
PARAMETER											

	07	07	07	07	07	07	07	07	07	09	
	07-SS-03	07-SS-04	07-SS-05	07-SS-06	07-SS-07	07-SS-08	07-SS-09	07-SS-10	07-SS-11	09-MW-01	
	07-SS-03-01	07-SS-04-01	07-SS-05-01	07-SS-06-01	07-SS-07-01	07-SS-08-01	07-SS-09-01	07-SS-10-01	07-SS-11-01	09-MW-01-02	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3	

gamma-BHC	5.6	(0.76)	[75.75757]	1.9 PJ	(2.2)	[215.5172]	ND	(1.6)	[163.9344]	NA	
SW8240 - Volatile Organics (ug/kg)											
1,1,1-Trichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
1,1,2,2-Tetrachloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
1,1,2-Trichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
1,1-Dichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
1,1-Dichloroethene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
1,2-Dichloroethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
1,2-Dichloropropane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
2-Chloroethyl vinyl ether	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND	(12) [1.189060]
2-Hexanone	ND	(250)	[5.050505]	ND	(320)	[6.493506]	ND	(250)	[4.950495]	ND	(59) [1.189060]
4-Methyl-2-pentanone(MIBK)	ND	(250)	[5.050505]	ND	(320)	[6.493506]	ND	(250)	[4.950495]	ND	(59) [1.189060]
Acetone	700	(510)	[5.050505]	190 J	(650)	[6.493506]	ND	(500)	[4.950495]	ND	(120) [1.189060]
Benzene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	0.16 JB	(5.9) [1.189060]
Bromodichloromethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Bromomethane	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND	(12) [1.189060]
Carbon disulfide	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Carbon tetrachloride	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Chlorobenzene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Chloroethane	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND	(12) [1.189060]
Chloroform	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Chloromethane	ND	(51)	[5.050505]	ND	(65)	[6.493506]	ND	(50)	[4.950495]	ND	(12) [1.189060]
Dibromochloromethane	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Ethyl benzene	27	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Methyl ethyl ketone	120 J	(510)	[5.050505]	ND	(650)	[6.493506]	ND	(500)	[4.950495]	ND	(120) [1.189060]
Methylene chloride	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	17	(5.9) [1.189060]
Styrene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Tetrachloroethene	ND	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	ND	(5.9) [1.189060]
Toluene	5.4 J	(25)	[5.050505]	ND	(32)	[6.493506]	ND	(25)	[4.950495]	0.5 JB	(5.9) [1.189060]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable											
Compiled: 23 March 1995											

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 May 1995

() = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				09			
	LOCATION ID				SAMPLE ID				07			
	07	07	07	07	07	07	07	07	07	07	07	07
	07-SS-03	07-SS-04	07-SS-05	07-SS-06	07-SS-07	07-SS-08	07-SS-09	07-SS-10	07-SS-11	07-SS-12	07-SS-13	07-SS-14
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
4-Chloro-3-methylphenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
4-Chlorophenyl phenyl ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
4-Methylphenol (p-cresol)	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
4-Nitroaniline	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]	ND	(2) [0.039477]	ND	(2) [0.039477]
4-Nitrophenol	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]	ND	(2) [0.039477]	ND	(2) [0.039477]
Acenaphthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Acenaphthylene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Benzo(a)anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.011 J	(0.39) [0.039477]	0.011 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Benzo(a)pyrene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.048 J	(0.39) [0.039477]	0.048 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Benzo(b)fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.17 J	(0.39) [0.039477]	0.17 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Benzo(g,h,i)perylene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.36 J	(0.39) [0.039477]	0.36 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Benzo(k)fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.47	(0.39) [0.039477]	0.47	(0.39) [0.039477]	ND	(0.39) [0.039477]
Benzoic acid	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.1 J	(0.39) [0.039477]	0.1 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Benzyl alcohol	ND	(11) [0.225245]	2 J	(32) [0.645477]	ND	(25) [0.495049]	0.44	(0.39) [0.039477]	0.44	(0.39) [0.039477]	ND	(0.39) [0.039477]
Butylbenzylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Chrysene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Di-n-octylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.36 J	(0.39) [0.039477]	0.36 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Dibenz(a,h)anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Dibenzofuran	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.057 J	(0.39) [0.039477]	0.057 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Diethylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Diethylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Dimethylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.36 J	(0.39) [0.039477]	0.36 J	(0.39) [0.039477]	ND	(0.39) [0.039477]
Fluorene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Hexachlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Hexachlorobutadiene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]
Hexachlorocyclopentadiene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]	ND	(0.39) [0.039477]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	09
	07-SS-03	07-SS-04	07-SS-05	09-MW-01
	07-SS-03-01	07-SS-04-01	07-SS-05-01	09-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		09		09	
	09-MW-02 09-MW-02-02 2.5 - 4.5		09-MW-03 09-MW-03-02 2.5 - 4		09-MW-04 09-MW-04-02 3 - 3.5		09-MW-05 09-MW-05-02 2.5 - 4	
PARAMETER	09		09		09		09	
	09-MW-02 09-MW-02-02 2.5 - 4.5		09-MW-03 09-MW-03-02 2.5 - 4		09-MW-04 09-MW-04-02 3 - 3.5		09-MW-05 09-MW-05-02 2.5 - 4	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	ND	(24)	ND	(20)	55	(25)	ND	(26)
Diesel Range Organics (2)	ND	(12)	ND	(11)	ND	(13)	ND	(13)
Gasoline Range Organics (2)	ND	[117.6]	ND	[100]	ND	[125]	ND	[131]
SW8240 - Volatile Organics (ug/kg)	ND	[119]	ND	[106]	ND	[126.9]	ND	[131]
1,1,1-Trichloroethane	ND	(120)	ND	(5.3)	ND	(6.4)	ND	(6.6)
1,1,2,2-Tetrachloroethane	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
1,1,2,2-Trichloroethane	ND	(120)	ND	(5.3)	ND	(6.4)	ND	(6.6)
1,1-Dichloroethane	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
1,1-Dichloroethene	ND	(120)	ND	(5.3)	ND	(6.4)	ND	(6.6)
1,2-Dichloroethane	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
1,2-Dichloropropane	ND	(120)	ND	(5.3)	ND	(6.4)	ND	(6.6)
2-Chloroethyl vinyl ether	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
2-Hexanone	ND	(240)	ND	(11)	ND	(13)	ND	(13)
4-Methyl-2-pentanone (MIBK)	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
Acetone	ND	(1200)	ND	(53)	ND	(64)	ND	(66)
Benzene	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
Bromodichloromethane	ND	(2400)	ND	(110)	82 JB	(130)	ND	(130)
Bromomethane	ND	[23.95209]	ND	(5.3)	ND	(6.4)	ND	(6.6)
Carbon disulfide	ND	(120)	ND	(5.3)	ND	(6.4)	ND	(6.6)
Carbon tetrachloride	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
Chlorobenzene	ND	(240)	ND	(11)	ND	(13)	ND	(13)
Chloroethane	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
Chloroform	ND	(240)	ND	(5.3)	ND	(6.4)	ND	(6.6)
Chloromethane	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
Dibromochloromethane	ND	(120)	ND	(5.3)	ND	(6.4)	ND	(6.6)
Ethyl benzene	ND	[23.95209]	ND	[1.052631]	ND	[1.273885]	ND	[1.324503]
Methyl ethyl ketone	ND	(2400)	ND	(110)	20 JB	(130)	ND	(130)
Methylene chloride	ND	[23.95209]	ND	[1.052631]	24	(6.4)	9.8 B	(6.6)
Styrene	ND	(120)	ND	(5.3)	ND	(6.4)	ND	(6.6)

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	09	09	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-03	09-MW-04	09-MW-05
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4
3-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
4,6-Dinitro-2-methylphenol	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
4-Bromophenyl phenyl ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Chloro-3-methylphenol	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Chlorophenyl phenyl ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Methylphenol (p-cresol)	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	0.18 J	(1.3) [0.126377]	ND	(0.44) [0.044032]
4-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
4-Nitrophenol	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
Acenaphthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Acenaphthylene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(a)anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(a)pyrene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(b)fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(g,h,i)perylene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzo(k)fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Benzoic acid	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	0.092 J	(2.2) [0.044032]
Benzy alcohol	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Butylbenzylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Chrysene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Di-n-octylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dibenz(a,h)anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dibenzofuran	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dibutylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	0.045 J	(1.3) [0.126377]	ND	(0.44) [0.044032]
Diethylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Dimethylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Fluorene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
Hexachlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)							
	09				09				09							
	09-MW-06				09-MW-06				09-SS-01							
	09-MW-06-02				Dup of 09-MW-06-02				09-SS-01-01				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5				0 - 0.5			
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)																
Diesel Range Organics (2)	31	(26)	[128]	40	(25)	[123]	320	(45)	[227]	85	(30)	[150]				
Gasoline Range Organics (2)	ND	(13)	[126]	ND	(13)	[133]	ND	(13)	[129]	ND	(14)	[144]				
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																
4,4'-DDD	21	(0.42)	[41.56275]	7.5	(0.45)	[44.54342]	44	(3.8)	[380.1992]	15	(0.96)	[96.20935]				
4,4'-DDE	5.9	(0.42)	[41.56275]	1.6	(0.45)	[44.54342]	14	(3.8)	[380.1992]	5.7	(0.96)	[96.20935]				
4,4'-DDT	37	(0.83)	[41.56275]	7.1	(0.89)	[44.54342]	150	(7.6)	[380.1992]	76	(1.9)	[96.20935]				
Aldrin	0.64 B	(0.42)	[41.56275]	1.3	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]				
Chlordane	ND	(2.1)	[41.56275]	ND	(2.2)	[44.54342]	ND	(19)	[380.1992]	ND	(4.8)	[96.20935]				
Dieldrin	ND	(0.42)	[41.56275]	ND	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	1.3	(0.96)	[96.20935]				
Endosulfan I	ND	(0.42)	[41.56275]	0.42 KJB	(0.45)	[44.54342]	1.8 KJ	(3.8)	[380.1992]	ND	(0.96)	[96.20935]				
Endosulfan II	0.78 KJB	(1.2)	[41.56275]	ND	(1.3)	[44.54342]	ND	(11)	[380.1992]	ND	(2.9)	[96.20935]				
Endosulfan Sulfate	0.15 PJB	(2.1)	[41.56275]	0.051 PJB	(2.2)	[44.54342]	7.4 KJ	(19)	[380.1992]	4.6 KJB	(4.8)	[96.20935]				
Endrin	ND	(0.42)	[41.56275]	ND	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]				
Endrin Aldehyde	1.1	(0.83)	[41.56275]	ND	(0.89)	[44.54342]	1.7 KJ	(7.6)	[380.1992]	ND	(1.9)	[96.20935]				
Heptachlor	0.75 PB	(0.42)	[41.56275]	1 B	(0.45)	[44.54342]	1.8 KJ	(3.8)	[380.1992]	0.94 KJB	(0.96)	[96.20935]				
Heptachlor epoxide	ND	(0.42)	[41.56275]	0.77 PB	(0.45)	[44.54342]	1.7 JB	(3.8)	[380.1992]	0.3 PJB	(0.96)	[96.20935]				
Methoxychlor	ND	(2.1)	[41.56275]	ND	(2.2)	[44.54342]	ND	(19)	[380.1992]	ND	(4.8)	[96.20935]				
PCB-1016	ND	(4.2)	[41.56275]	ND	(4.5)	[44.54342]	ND	(38)	[380.1992]	ND	(9.6)	[96.20935]				
PCB-1221	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]				
PCB-1232	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]				
PCB-1242	ND	(4.2)	[41.56275]	ND	(4.5)	[44.54342]	ND	(38)	[380.1992]	ND	(9.6)	[96.20935]				
PCB-1248	ND	(4.2)	[41.56275]	ND	(4.5)	[44.54342]	ND	(38)	[380.1992]	ND	(9.6)	[96.20935]				
PCB-1254	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]				
PCB-1260	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]				
Toxaphene	ND	(21)	[41.56275]	ND	(22)	[44.54342]	ND	(190)	[380.1992]	ND	(48)	[96.20935]				
alpha-BHC	ND	(0.42)	[41.56275]	ND	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	1.3	(0.96)	[96.20935]				
beta-BHC	0.16 PJB	(0.42)	[41.56275]	0.41 PJB	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]				
delta-BHC	0.36 KJB	(0.42)	[41.56275]	0.38 JB	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]				

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09				09			
	LOCATION ID				09				09			
	SAMPLE ID				09				09			
	BEG. DEPTH - END DEPTH (FT.)				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-01			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-01-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09				09			
	09-MW-06				09-MW-06				09-SS-02			
	09-MW-06-02				09-DS-01 Dup of 09-MW-06-02				09-SS-02-01			
	4 - 7				4 - 7				0 - 0.5			
	09				09							

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	09	09	09	09	09	09	09	09
	09-MW-06	09-MW-06	09-SS-01	09-SS-01	09-SS-01	09-SS-01	09-SS-02	09-SS-02
	09-MW-06-02	09-MW-06	09-DS-01 Dup of 09-MW-06-02	09-SS-01-01	09-SS-01-01	09-SS-02-01	09-SS-02-01	09-SS-02-01
	4 - 7	4 - 7	4 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Chloro-3-methylphenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Chlorophenyl phenyl ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Methylphenol (p-cresol)	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
4-Nitroaniline	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]	ND	(2.5) [0.049603]
4-Nitrophenol	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]	ND	(2.5) [0.049603]
Acenaphthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Acenaphthylene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(a)anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(a)pyrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(b)fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(g,h,i)perylene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzo(k)fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Benzoic acid	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]	ND	(2.5) [0.049603]
Benzyl alcohol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Butylbenzylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Chrysene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Di-n-octylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dibenz(a,h)anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dibenzofuran	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dibutylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Diethylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Dimethylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Fluorene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Hexachlorobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Hexachlorobutadiene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Hexachlorocyclopentadiene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
	09 09-MW-06 09-MW-06-02 4 - 7	09 09-MW-06 Dup of 09-MW-06-02 4 - 7	09 09-SS-01 09-SS-01-01 0 - 0.5	09 09-SS-02 09-SS-02-01 0 - 0.5		
Hexachloroethane	ND	(0.42) [0.042484]	ND	(0.38) [0.037968]	ND	(0.5) [0.049603]
Indeno(1,2,3-cd)pyrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Isophorone	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
N-Nitrosodiphenylamine	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
N-Nitrosodipropylamine	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Naphthalene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Nitrobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Pentachloropheno	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(0.5) [0.049603]
Phenanthrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(2.5) [0.049603]
Pheno	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
Pyrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Chloroethoxy)methane	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Chloroethyl)ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Chloroisopropyl)ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
bis(2-Ethylhexyl)phthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]
p-Chloroaniline	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.5) [0.049603]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	09	10	10	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02	10-MW-02-01	10-MW-02-01	10-MW-02-01	10-MW-02-01
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-02-01	10-MW-02-01	10-MW-02-01	10-MW-02-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	48	(28)	[139]	ND	(26)	[128.2]	34	(25)	[125]	92
Gasoline Range Organics (2)	ND	(13)	[133]	47	(12)	[124.9]	53	(12)	[124]	5000
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	42	(0.46)	[46.26630]	10	(0.43)	[43.27131]	19	(0.42)	[42.22972]	290
4,4'-DDE	13	(0.46)	[46.26630]	4.4	(0.43)	[43.27131]	4.1	(0.42)	[42.22972]	19
4,4'-DDT	53	(0.93)	[46.26630]	29	(0.87)	[43.27131]	49	(0.84)	[42.22972]	89
Aldrin	ND	(0.46)	[46.26630]	0.5 B	(0.43)	[43.27131]	0.49 B	(0.42)	[42.22972]	1.3
Chlordane	ND	(2.3)	[46.26630]	ND	(2.2)	[43.27131]	ND	(2.1)	[42.22972]	ND
Dieldrin	ND	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	0.34 KJB	(0.42)	[42.22972]	ND
Endosulfan I	ND	(0.46)	[46.26630]	0.092 PJB	(0.43)	[43.27131]	0.16 JB	(0.42)	[42.22972]	ND
Endosulfan II	0.33 KJB	(1.4)	[46.26630]	ND	(1.3)	[43.27131]	ND	(1.3)	[42.22972]	ND
Endosulfan Sulfate	ND	(2.3)	[46.26630]	1.6 JB	(2.2)	[43.27131]	9.3	(2.1)	[42.22972]	ND
Endrin	ND	(0.46)	[46.26630]	2.2 B	(0.43)	[43.27131]	2.9	(0.42)	[42.22972]	14
Endrin Aldehyde	0.47 KJB	(0.93)	[46.26630]	ND	(0.87)	[43.27131]	ND	(0.84)	[42.22972]	0.81 KJ
Heptachlor	0.022 PJB	(0.46)	[46.26630]	0.12 KJB	(0.43)	[43.27131]	0.15 KJB	(0.42)	[42.22972]	0.21 KJB
Heptachlor epoxide	0.4 PJB	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	0.061 KJB
Methoxychlor	ND	(2.3)	[46.26630]	ND	(2.2)	[43.27131]	ND	(2.1)	[42.22972]	ND
PCB-1016	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND
PCB-1221	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
PCB-1232	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
PCB-1242	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND
PCB-1248	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND
PCB-1254	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
PCB-1260	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND
Toxaphene	ND	(23)	[46.26630]	ND	(22)	[43.27131]	ND	(21)	[42.22972]	ND
alpha-BHC	0.93 B	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	0.59 PB	(0.42)	[42.22972]	ND
beta-BHC	3.4	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	5.7
delta-BHC	ND	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				BEG. DEPTH - END DEPTH (FT.)							
	SAMPLE ID											
	09	10	10	10	10	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-02
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5

gamma-BHC	1.7	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	ND	(1.3)	[132.6259]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
1,1,2,2-Tetrachloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	2600	(1300)	[266.6666]
1,1,2-Trichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
1,1-Dichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
1,1-Dichloroethene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
1,2-Dichloroethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
1,2-Dichloropropane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
2-Chloroethyl vinyl ether	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	ND	(1300)	[266.6666]
2-Hexanone	ND	(69)	[1.388888]	120 J	(1300)	[25.97402]	ND	(64)	[1.270648]	ND	(2700)	[266.6666]
4-Methyl-2-pentanone(MIBK)	ND	(69)	[1.388888]	ND	(1300)	[25.97402]	ND	(64)	[1.270648]	ND	(13000)	[266.6666]
Acetone	ND	(140)	[1.388888]	1000 J	(2600)	[25.97402]	6.5 JB	(130)	[1.270648]	ND	(27000)	[266.6666]
Benzene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	730 J	(1300)	[266.6666]
Bromodichloromethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
Bromomethane	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	ND	(2700)	[266.6666]
Carbon disulfide	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
Carbon tetrachloride	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
Chlorobenzene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
Chloroethane	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	970 J	(1300)	[266.6666]
Chloroform	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(2700)	[266.6666]
Chloromethane	ND	(14)	[1.388888]	ND	(260)	[25.97402]	ND	(13)	[1.270648]	ND	(1300)	[266.6666]
Dibromochloromethane	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(2700)	[266.6666]
Ethyl benzene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
Methyl ethyl ketone	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(2700)	[266.6666]
Methylene chloride	ND	(140)	[1.388888]	570 J	(2600)	[25.97402]	ND	(130)	[1.270648]	9200	(1300)	[266.6666]
Styrene	54	(6.9)	[1.388888]	ND	(130)	[25.97402]	16	(6.4)	[1.270648]	ND	(27000)	[266.6666]
Tetrachloroethene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
Toluene	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	ND	(1300)	[266.6666]
	ND	(6.9)	[1.388888]	ND	(130)	[25.97402]	ND	(6.4)	[1.270648]	11000	(1300)	[266.6666]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	09	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5

Tribromomethane(Bromoform)	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]
Trichloroethene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]
Vinyl acetate	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]
Vinyl chloride	ND	(14) [1.388888]	ND	(260) [25.97402]	ND	(13) [1.270648]	ND	(2700) [266.6666]
Xylenes	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	210000	(1300) [266.6666]
cis-1,3-Dichloropropene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]
trans-1,2-Dichloroethene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]
trans-1,3-Dichloropropene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]
SW8270 - Semivolatile Organics (mg/kg)	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]
1,2,4-Trichlorobenzene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
1,2-Dichlorobenzene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
1,3-Dichlorobenzene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
1,4-Dichlorobenzene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2,4,5-Trichlorophenol	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2,4,6-Trichlorophenol	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2,4-Dichlorophenol	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2,4-Dimethylphenol	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2,4-Dinitrophenol	ND	(2.3) [0.046296]	ND	(2.2) [0.043218]	ND	(2.1) [0.042256]	ND	(2.2) [0.044252]
2,4-Dinitrotoluene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2,6-Dinitrotoluene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2-Chloronaphthalene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2-Chlorophenol	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2-Methylnaphthalene	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.24 J	(0.44) [0.044252]
2-Methylphenol (o-cresol)	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
2-Nitroaniline	ND	(2.3) [0.046296]	ND	(2.2) [0.043218]	ND	(2.1) [0.042256]	ND	(2.2) [0.044252]
2-Nitrophenol	ND	(0.46) [0.046296]	ND	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
3,3'-Dichlorobenzidine	ND	(0.93) [0.046296]	ND	(0.86) [0.043218]	ND	(0.85) [0.042256]	ND	(0.89) [0.044252]
3-Nitroaniline	ND	(2.3) [0.046296]	ND	(2.2) [0.043218]	ND	(2.1) [0.042256]	ND	(2.2) [0.044252]
4,6-Dinitro-2-methylphenol	ND	(2.3) [0.046296]	ND	(2.2) [0.043218]	ND	(2.1) [0.042256]	ND	(2.2) [0.044252]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	09	10	10	10
09-SS-03	09-SS-03	10-MW-01	10-MW-01	10-MW-02
09-SS-03-01	09-SS-03-01	10-MW-01-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02-01
0 - 0.5	0 - 0.5	3 - 6	3 - 6	4 - 5.5
4-Bromophenyl phenyl ether	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Chloro-3-methylphenol	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Chlorophenyl phenyl ether	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Methylphenol (p-cresol)	ND	(0.46) [0.046296]	ND	(0.42) [0.042256]
4-Nitroaniline	ND	(2.3) [0.046296]	ND	(0.44) [0.044252]
4-Nitrophenol	ND	(2.3) [0.046296]	ND	(2.2) [0.042256]
Acenaphthene	ND	(0.46) [0.046296]	ND	(2.2) [0.042256]
Acenaphthylene	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Anthracene	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Benzo(a)anthracene	0.043 J	(0.46) [0.046296]	ND	(0.44) [0.044252]
Benzo(a)pyrene	0.051 J	(0.46) [0.046296]	ND	(0.44) [0.044252]
Benzo(b)fluoranthene	0.039 JF	(0.46) [0.046296]	ND	(0.44) [0.044252]
Benzo(g,h,i)perylene	0.034 JB	(0.46) [0.046296]	ND	(0.44) [0.044252]
Benzo(k)fluoranthene	0.039 JF	(0.46) [0.046296]	ND	(0.44) [0.044252]
Benzoic acid	ND	(2.3) [0.046296]	ND	(2.2) [0.042256]
Benzyl alcohol	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Butylbenzylphthalate	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Chrysene	0.076 J	(0.46) [0.046296]	ND	(0.44) [0.044252]
Di-n-octylphthalate	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Dibenz(a,h)anthracene	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Dibenzofuran	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Dibutylphthalate	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Diethylphthalate	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Dimethylphthalate	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Fluoranthene	0.11 J	(0.46) [0.046296]	0.015 J	(0.44) [0.044252]
Fluorene	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Hexachlorobenzene	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Hexachlorobutadiene	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]
Hexachlorocyclopentadiene	ND	(0.46) [0.046296]	ND	(0.44) [0.044252]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	09	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02	10-MW-02-01	10-MW-02
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	3 - 6	3 - 6	4 - 5.5	4 - 5.5
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5	4 - 5.5
Hexachloroethane	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]	(0.44) [0.044252]
Indeno(1,2,3-cd)pyrene	0.027 JB	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]	(0.44) [0.044252]
Isophorone	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.097 J	(0.44) [0.044252]
N-Nitrosodiphenylamine	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
N-Nitrosodipropylamine	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
Naphthalene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.12 J	(0.44) [0.044252]
Nitrobenzene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
Pentachlorophenol	ND	(2.3) [0.046296]	(2.2) [0.043218]	(2.2) [0.043218]	ND	(2.1) [0.042256]	ND	(2.2) [0.044252]
Phenanthrene	0.071 J	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	0.094 J	(0.44) [0.044252]
Phenol	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
Pyrene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	0.014 J	(0.42) [0.042256]	0.072 J	(0.44) [0.044252]
bis(2-Chloroethoxy)methane	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
bis(2-Chloroethyl)ether	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
bis(2-Chloroisopropyl)ether	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
bis(2-Ethylhexyl)phthalate	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	0.019 JB	(0.42) [0.042256]	0.27 J	(0.44) [0.044252]
p-Chloroaniline	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.43) [0.043218]	ND	(0.42) [0.042256]	ND	(0.44) [0.044252]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	NA	18 J	(230) [129.8701]	(230) [126.5822]	ND	(230) [126.5822]	96 J	(240) [133.3333]
Acenaphthylene	NA	ND	(300) [129.8701]	(290) [126.5822]	ND	(290) [126.5822]	ND	(310) [133.3333]
Anthracene	NA	ND	(86) [129.8701]	(84) [126.5822]	ND	(84) [126.5822]	30 J	(88) [133.3333]
Benzo(a)anthracene	NA	5.4	(1.7) [129.8701]	(1.6) [126.5822]	18	(1.6) [126.5822]	27	(1.7) [133.3333]
Benzo(a)pyrene	NA	7.6	(3) [129.8701]	(2.9) [126.5822]	7.3	(2.9) [126.5822]	7.9	(3.1) [133.3333]
Benzo(b)fluoranthene	NA	11	(2.3) [129.8701]	(2.3) [126.5822]	26	(2.3) [126.5822]	46	(2.4) [133.3333]
Benzo(g,h,i)perylene	NA	29	(9.9) [129.8701]	(9.6) [126.5822]	40	(9.6) [126.5822]	31	(10) [133.3333]
Benzo(k)fluoranthene	NA	4.2	(2.2) [129.8701]	(2.2) [126.5822]	5.3	(2.2) [126.5822]	6.3	(2.3) [133.3333]
Chrysene	NA	ND	(19) [129.8701]	(19) [126.5822]	29	(19) [126.5822]	25	(20) [133.3333]
Dibenzo(a,h)anthracene	NA	1.6 J	(3.9) [129.8701]	(3.8) [126.5822]	4.2	(3.8) [126.5822]	7.7	(4) [133.3333]
Fluoranthene	NA	15 J	(27) [129.8701]	(27) [126.5822]	95	(27) [126.5822]	190	(28) [133.3333]
Fluorene	NA	ND	(27) [129.8701]	(27) [126.5822]	ND	(27) [126.5822]	4.3 J	(28) [133.3333]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	09	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5
Indeno(1,2,3-cd)pyrene	NA	11	(5.6) [129.8701]	21	(5.4) [126.5822]	20	(5.7) [133.3333]	
Naphthalene	NA	ND	(230) [129.8701]	ND	(230) [126.5822]	ND	(240) [133.3333]	
Phenanthrene	NA	120	(83) [129.8701]	98	(81) [126.5822]	190	(85) [133.3333]	
Pyrene	NA	9.8 J	(35) [129.8701]	27 J	(34) [126.5822]	36	(36) [133.3333]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01-01	10-SB-01-02	10-SB-01-02	10-SB-02-01	10-SB-02-01	10-SB-02-01
	4 - 6	2 - 4	2 - 4	2 - 4	2 - 4	5 - 7	5 - 7	1 - 3	1 - 3	1 - 3
<hr/>										
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	30	(25)	[126.6]	150	(22)	[111]	31	(26)	[129.9]	13000
Gasoline Range Organics (2)	14 B	(14)	[135.8]	ND	(11)	[106.3]	ND	(13)	[125.5]	200
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	4.8	(1.4)	[136.0544]	120	(1.8)	[184.5699]	ND	(0.43)	[43.15925]	140
4,4'-DDE	2.3	(1.4)	[136.0544]	14	(0.37)	[36.91399]	0.94	(0.43)	[43.15925]	32
4,4'-DDT	21	(2.7)	[136.0544]	100	(3.7)	[184.5699]	7.3	(0.86)	[43.15925]	370
Aldrin	ND	(1.4)	[136.0544]	0.5 B	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	0.8 B
Chlordane	ND	(6.8)	[136.0544]	ND	(1.8)	[36.91399]	ND	(2.2)	[43.15925]	ND
Dieldrin	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
Endosulfan I	0.19 JB	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
Endosulfan II	ND	(4.1)	[136.0544]	ND	(1.1)	[36.91399]	ND	(1.3)	[43.15925]	0.29 KJB
Endosulfan Sulfate	ND	(6.8)	[136.0544]	ND	(1.8)	[36.91399]	ND	(2.2)	[43.15925]	ND
Endrin	11	(1.4)	[136.0544]	3.5	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	4.2
Endrin Aldehyde	ND	(2.7)	[136.0544]	ND	(0.74)	[36.91399]	ND	(0.86)	[43.15925]	ND
Heptachlor	0.17 KJB	(1.4)	[136.0544]	0.11 KJB	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
Heptachlor epoxide	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	0.15 PJB	(0.43)	[43.15925]	ND
Methoxychlor	ND	(6.8)	[136.0544]	ND	(1.8)	[36.91399]	1.6 KJ	(2.2)	[43.15925]	ND
PCB-1016	ND	(14)	[136.0544]	ND	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	ND
PCB-1221	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
PCB-1232	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
PCB-1242	ND	(14)	[136.0544]	ND	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	ND
PCB-1248	ND	(14)	[136.0544]	ND	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	ND
PCB-1254	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
PCB-1260	ND	(27)	[136.0544]	ND	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	ND
Toxaphene	ND	(68)	[136.0544]	ND	(18)	[36.91399]	ND	(22)	[43.15925]	ND
alpha-BHC	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND
beta-BHC	ND	(1.4)	[136.0544]	1.4 P	(0.37)	[36.91399]	0.72 P	(0.43)	[43.15925]	0.6 P
delta-BHC	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	1.2 B	(0.43)	[43.15925]	1.2 B

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				CONCENTRATION (ug/kg)			
	LOCATION ID		SAMPLE ID									
	10	10	10	10	10	10	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01-01	10-SB-01-02	10-SB-02	10-SB-02-01	10-SB-02	10-SB-02-01	10-SB-02	10-SB-02-01
	4 - 6	2 - 4	5 - 7	1 - 3								
gamma-BHC	ND	(1.4)	[136.0544]	ND	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	ND	(0.38)	[37.75009]
SW8240 - Volatile Organics (ug/kg)	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
1,1,1-Trichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
1,1,2,2-Tetrachloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
1,1,2-Trichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
1,1-Dichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
1,1-Dichloroethene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
1,2-Dichloroethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
1,2-Dichloropropane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
2-Chloroethyl vinyl ether	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]
2-Hexanone	ND	(69)	[1.377410]	ND	(56)	[1.111111]	ND	(65)	[1.298701]	ND	(11000)	[226.5005]
4-Methyl-2-pentanone (MIBK)	ND	(69)	[1.377410]	ND	(56)	[1.111111]	ND	(65)	[1.298701]	ND	(11000)	[226.5005]
Acetone	ND	(140)	[1.377410]	1.8 JB	(110)	[1.111111]	9 JB	(130)	[1.298701]	ND	(23000)	[226.5005]
Benzene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	980 J	(1100)	[226.5005]
Bromodichloromethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Bromomethane	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]
Carbon disulfide	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Carbon tetrachloride	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Chlorobenzene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Chloroethane	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]
Chloroform	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Chloromethane	ND	(14)	[1.377410]	ND	(11)	[1.111111]	ND	(13)	[1.298701]	ND	(2300)	[226.5005]
Dibromochloromethane	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Ethyl benzene	3.1 J	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Methyl ethyl ketone	ND	(140)	[1.377410]	ND	(110)	[1.111111]	ND	(130)	[1.298701]	4600	(1100)	[226.5005]
Methylene chloride	2.7 JB	(6.9)	[1.377410]	5.1 JB	(5.6)	[1.111111]	1.4 JB	(6.5)	[1.298701]	ND	(23000)	[226.5005]
Styrene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	37	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Tetrachloroethene	ND	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	ND	(6.5)	[1.298701]	ND	(1100)	[226.5005]
Toluene	11	(6.9)	[1.377410]	ND	(5.6)	[1.111111]	1.5 J	(6.5)	[1.298701]	12000	(1100)	[226.5005]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)						
	10 10-MW-03 10-MW-03-01 4 - 6	10 10-SB-01 10-SB-01-01 2 - 4	10 10-SB-01 10-SB-01-02 5 - 7	10 10-SB-02 10-SB-02-01 1 - 3			
Tribromomethane(Bromoform)	ND	(6.9) [1.377410]	(5.6) [1.111111]	ND	(6.5) [1.298701]	ND	(1100) [226.5005]
Trichloroethene	ND	(6.9) [1.377410]	(5.6) [1.111111]	ND	(6.5) [1.298701]	ND	(1100) [226.5005]
Vinyl acetate	ND	(6.9) [1.377410]	(5.6) [1.111111]	ND	(6.5) [1.298701]	ND	(1100) [226.5005]
Vinyl chloride	ND	(14) [1.377410]	(11) [1.111111]	ND	(13) [1.298701]	ND	(2300) [226.5005]
Xylenes	330	(6.9) [1.377410]	(5.6) [1.111111]	ND	(6.5) [1.298701]	24000	(1100) [226.5005]
cis-1,3-Dichloropropene	ND	(6.9) [1.377410]	(5.6) [1.111111]	ND	(6.5) [1.298701]	ND	(1100) [226.5005]
trans-1,2-Dichloroethene	ND	(6.9) [1.377410]	(5.6) [1.111111]	ND	(6.5) [1.298701]	ND	(1100) [226.5005]
trans-1,3-Dichloropropene	ND	(6.9) [1.377410]	(5.6) [1.111111]	ND	(6.5) [1.298701]	ND	(1100) [226.5005]
SW8270 - Semivolatile Organics (mg/kg)							
1,2,4-Trichlorobenzene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
1,2-Dichlorobenzene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
1,3-Dichlorobenzene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
1,4-Dichlorobenzene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2,4,5-Trichlorophenol	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2,4,6-Trichlorophenol	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2,4-Dichlorophenol	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2,4-Dimethylphenol	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2,4-Dinitrophenol	ND	(2.3) [0.045883]	(1.8) [0.036852]	ND	(2.2) [0.043189]	ND	(54) [1.078574]
2,4-Dinitrotoluene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2,6-Dinitrotoluene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2-Chloronaphthalene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2-Chlorophenol	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	130	(11) [1.078574]
2-Methylnaphthalene	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2-Methylphenol(o-cresol)	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
2-Nitroaniline	ND	(2.3) [0.045883]	(1.8) [0.036852]	ND	(2.2) [0.043189]	ND	(54) [1.078574]
2-Nitrophenol	ND	(0.46) [0.045883]	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
3,3'-Dichlorobenzidine	ND	(0.92) [0.045883]	(0.74) [0.036852]	ND	(0.86) [0.043189]	ND	(22) [1.078574]
3-Nitroaniline	ND	(2.3) [0.045883]	(1.8) [0.036852]	ND	(2.2) [0.043189]	ND	(54) [1.078574]
4,6-Dinitro-2-methylphenol	ND	(2.3) [0.045883]	(1.8) [0.036852]	ND	(2.2) [0.043189]	ND	(54) [1.078574]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-02	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-01	10-SB-01-02	10-SB-02-01	10-SB-02-01
	4 - 6	2 - 4	5 - 7	1 - 3		
4-Bromophenyl phenyl ether	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
4-Chloro-3-methylphenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
4-Chlorophenyl phenyl ether	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
4-Methylphenol(p-cresol)	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
4-Nitroaniline	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(54) [1.078574]
4-Nitrophenol	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(54) [1.078574]
Acenaphthene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Acenaphthylene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Anthracene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Benzo(a)anthracene	ND	(0.46) [0.045883]	0.011 J	(0.37) [0.036852]	0.015 J	(11) [1.078574]
Benzo(a)pyrene	0.011 J	(0.46) [0.045883]	0.014 J	(0.37) [0.036852]	ND	(11) [1.078574]
Benzo(b)fluoranthene	0.02 JF	(0.46) [0.045883]	0.017 JF	(0.37) [0.036852]	0.021 JF	(11) [1.078574]
Benzo(g,h,i)perylene	ND	(0.46) [0.045883]	0.025 JB	(0.37) [0.036852]	ND	(11) [1.078574]
Benzo(k)fluoranthene	0.02 JF	(0.46) [0.045883]	0.017 JF	(0.37) [0.036852]	0.021 JF	(11) [1.078574]
Benzoic acid	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(54) [1.078574]
Benzyl alcohol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Butylbenzylphthalate	0.058 J	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Chrysene	ND	(0.46) [0.045883]	0.016 J	(0.37) [0.036852]	ND	(11) [1.078574]
Di-n-octylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Dibenz(a,h)anthracene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Dibenzofuran	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Dibutylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Diethylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Dimethylphthalate	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Fluoranthene	0.01 J	(0.46) [0.045883]	0.01 J	(0.37) [0.036852]	ND	(11) [1.078574]
Fluorene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Hexachlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Hexachlorobutadiene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]
Hexachlorocyclopentadiene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(11) [1.078574]

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
BEG. DEPTH - END DEPTH (FT.)	10		10		10		10		10	
	10-MW-03		10-SB-01		10-SB-01		10-SB-01		10-SB-02	
4 - 6	10-MW-03-01		10-SB-01-01		10-SB-01-02		10-SB-01-02		10-SB-02-01	
	2 - 4		5 - 7		1 - 3					
Hexachloroethane	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Indeno(1,2,3-cd)pyrene	ND	(0.46) [0.045883]	0.016 JB	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Isophorone	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
N-Nitrosodiphenylamine	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
N-Nitrosodipropylamine	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Naphthalene	ND	(0.46) [0.045883]	0.013 J	(0.37) [0.036852]	ND	(0.43) [0.043189]	90	(0.43) [0.043189]	ND	(11) [1.078574]
Nitrobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Pentachloropheno1	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	(2.2) [0.043189]	ND	(2.2) [0.043189]	ND	(54) [1.078574]
Phenanthrene	ND	(0.46) [0.045883]	0.012 J	(0.37) [0.036852]	0.02 J	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Phenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
Pyrene	0.013 J	(0.46) [0.045883]	0.013 J	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Chloroethoxy)methane	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Chloroethyl)ether	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Chloroisopropyl)ether	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
bis(2-Ethylhexyl)phthalate	0.052 JB	(0.46) [0.045883]	ND	(0.37) [0.036852]	0.15 J	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
p-Chloroaniline	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	(0.43) [0.043189]	ND	(0.43) [0.043189]	ND	(11) [1.078574]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)										
Acenaphthene	58 J	(250) [136.9863]	ND	(200) [111.1111]	87 J	(230) [129.8701]	ND	(230) [129.8701]	ND	(200) [113.6363]
Acenaphthylene	ND	(320) [136.9863]	ND	(260) [111.1111]	18 J	(300) [129.8701]	ND	(300) [129.8701]	ND	(260) [113.6363]
Anthracene	ND	(90) [136.9863]	ND	(73) [111.1111]	ND	(86) [129.8701]	71 J	(86) [129.8701]	71 J	(75) [113.6363]
Benzo(a)anthracene	0.61 J	(1.8) [136.9863]	4.4	(1.4) [111.1111]	0.82 J	(1.7) [129.8701]	5.4	(1.7) [129.8701]	5.4	(1.5) [113.6363]
Benzo(a)pyrene	0.9 J	(3.2) [136.9863]	11 J	(26) [111.1111]	0.77 J	(3) [129.8701]	7.7	(3) [129.8701]	7.7	(2.6) [113.6363]
Benzo(b)fluoranthene	5.5	(2.5) [136.9863]	15	(2) [111.1111]	2.5	(2.3) [129.8701]	15	(2.3) [129.8701]	15	(2) [113.6363]
Benzo(g,h,i)perylene	16	(10) [136.9863]	87	(84) [111.1111]	12	(9.9) [129.8701]	25	(9.9) [129.8701]	25	(8.6) [113.6363]
Benzo(k)fluoranthene	0.45 J	(2.3) [136.9863]	4.4 J	(19) [111.1111]	0.41 J	(2.2) [129.8701]	4.5	(2.2) [129.8701]	4.5	(1.9) [113.6363]
Chrysene	ND	(21) [136.9863]	3.6 J	(17) [111.1111]	ND	(19) [129.8701]	19	(19) [129.8701]	19	(17) [113.6363]
Dibenzo(a,h)anthracene	ND	(4.1) [136.9863]	ND	(3.3) [111.1111]	ND	(3.9) [129.8701]	1.2 J	(3.9) [129.8701]	1.2 J	(3.4) [113.6363]
Fluoranthene	ND	(29) [136.9863]	14 J	(23) [111.1111]	ND	(27) [129.8701]	28	(27) [129.8701]	28	(24) [113.6363]
Fluorene	ND	(29) [136.9863]	ND	(23) [111.1111]	ND	(27) [129.8701]	2600	(27) [129.8701]	2600	(1200) [5682]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	10	10	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01-01	10-SB-01-02	10-SB-02	10-SB-02-01
	4 - 6	2 - 4	2 - 4	5 - 7	5 - 7	1 - 3		
Indeno(1,2,3-cd)pyrene	ND	(5.9) [136.9863]	2 J	(4.8) [111.1111]	ND	(5.6) [129.8701]	6.8	(4.9) [113.6363]
Naphthalene	ND	(250) [136.9863]	ND	(200) [111.1111]	ND	(230) [129.8701]	86000	(10000) [5682]
Phenanthrene	220	(88) [136.9863]	40 J	(71) [111.1111]	140	(83) [129.8701]	100	(73) [113.6363]
Pyrene	9.4 J	(37) [136.9863]	8.9 J	(30) [111.1111]	ND	(35) [129.8701]	26 J	(31) [113.6363]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03-01	10-SB-03	10-SB-03-02	10-SB-03-03	10-SB-03-02	10-SB-03	10-SB-03-03	10-SB-03-03	10-SB-03-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5								

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	36	(26)	[131.6]	110	(42)	[210.5]	87000	(620)	[3086]	ND	(26)	[128]
Gasoline Range Organics (2)	78	(13)	[133.2]	91	(11)	[110]	11000	(2600)	[26284]	81	(11)	[110]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	0.72 B	(0.45)	[44.54342]	220	(5.5)	[546.4480]	50	(1.3)	[132.8021]	1.9 P	(1.3)	[129.3661]
4,4'-DDE	0.59	(0.45)	[44.54342]	17	(1.1)	[109.2896]	7.5	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
4,4'-DDT	1.7	(0.89)	[44.54342]	210	(2.2)	[109.2896]	11	(2.7)	[132.8021]	ND	(2.6)	[129.3661]
Aldrin	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
Chlordane	ND	(2.2)	[44.54342]	ND	(5.5)	[109.2896]	ND	(6.6)	[132.8021]	ND	(6.5)	[129.3661]
Dieldrin	0.29 JB	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	1.1 KJ	(1.3)	[132.8021]	0.71 PJ	(1.3)	[129.3661]
Endosulfan I	0.03 KJB	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	0.27 PJB	(1.3)	[132.8021]	0.73 KJB	(1.3)	[129.3661]
Endosulfan II	ND	(1.3)	[44.54342]	ND	(3.3)	[109.2896]	ND	(4)	[132.8021]	ND	(3.9)	[129.3661]
Endosulfan Sulfate	3.9 PB	(2.2)	[44.54342]	5.4 J	(5.5)	[109.2896]	4.5 JB	(6.6)	[132.8021]	ND	(6.5)	[129.3661]
Endrin	0.72 PB	(0.45)	[44.54342]	12	(1.1)	[109.2896]	8.9	(1.3)	[132.8021]	8.5	(1.3)	[129.3661]
Endrin Aldehyde	ND	(0.89)	[44.54342]	ND	(2.2)	[109.2896]	ND	(2.7)	[132.8021]	ND	(2.6)	[129.3661]
Heptachlor	0.21 KJB	(0.45)	[44.54342]	0.18 KJB	(1.1)	[109.2896]	0.52 KJB	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
Heptachlor epoxide	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
Methoxychlor	ND	(2.2)	[44.54342]	ND	(5.5)	[109.2896]	ND	(6.6)	[132.8021]	ND	(6.5)	[129.3661]
PCB-1016	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]
PCB-1221	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
PCB-1232	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
PCB-1242	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]
PCB-1248	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]
PCB-1254	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
PCB-1260	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]
Toxaphene	ND	(22)	[44.54342]	ND	(55)	[109.2896]	ND	(66)	[132.8021]	ND	(65)	[129.3661]
alpha-BHC	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
beta-BHC	1.1 B	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]
delta-BHC	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	3.5	(1.3)	[132.8021]	ND	(1.3)	[129.3661]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03
	10-SB-02-02	10-SB-03-01	10-SB-03-02	10-SB-03-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5
gamma-BHC	ND	ND	ND	ND
SW8240 - Volatile Organics (ug/kg)	(0.45) [44.54342]	(1.1) [109.2896]	(1.3) [132.8021]	(1.3) [129.3661]
1,1,1-Trichloroethane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
1,1,2,2-Tetrachloroethane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
1,1,2-Trichloroethane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
1,1-Dichloroethane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
1,1-Dichloroethene	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
1,2-Dichloroethane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
1,2-Dichloropropane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
2-Chloroethyl vinyl ether	ND	(270) [26.77376]	(2700) [268.0965]	(650) [65.10416]
2-Hexanone	ND	(1300) [26.77376]	(13000) [268.0965]	(3300) [65.10416]
4-Methyl-2-pentanone(MIBK)	ND	(1300) [26.77376]	(13000) [268.0965]	(3300) [65.10416]
Acetone	850 J	(2700) [26.77376]	(27000) [268.0965]	(6500) [65.10416]
Benzene	370	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Bromodichloromethane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Bromomethane	ND	(270) [26.77376]	(2700) [268.0965]	(650) [65.10416]
Carbon disulfide	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Carbon tetrachloride	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Chlorobenzene	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Chloroethane	ND	(270) [26.77376]	(2700) [268.0965]	(650) [65.10416]
Chloroform	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Chloromethane	ND	(270) [26.77376]	(2700) [268.0965]	(650) [65.10416]
Dibromochloromethane	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Ethyl benzene	37 J	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Methyl ethyl ketone	500 J	(2700) [26.77376]	(27000) [268.0965]	(6500) [65.10416]
Methylene chloride	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Styrene	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Tetrachloroethene	ND	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]
Toluene	89 J	(130) [26.77376]	(1300) [268.0965]	(330) [65.10416]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03	10-SB-03	10-SB-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5		

Tribromomethane (Bromoform)	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]
Trichloroethene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]
Vinyl acetate	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]
Vinyl chloride	ND	(270) [26.77376]	ND	(2200) [219.7802]	ND	(2700) [268.0965]
Xylenes	43 J	(130) [26.77376]	380 J	(1100) [219.7802]	6800	(1300) [268.0965]
cis-1,3-Dichloropropene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]
trans-1,2-Dichloroethene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]
trans-1,3-Dichloropropene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
1,2-Dichlorobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
1,3-Dichlorobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
1,4-Dichlorobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2,4,5-Trichlorophenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2,4,6-Trichlorophenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2,4-Dichlorophenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2,4-Dimethylphenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2,4-Dinitrophenol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]
2,4-Dinitrotoluene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2,6-Dinitrotoluene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2-Chloronaphthalene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2-Chlorophenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2-Methylnaphthalene	0.057 J	(0.45) [0.044608]	0.023 J	(0.36) [0.035911]	15	(9.6) [0.964375]
2-Methylphenol (o-cresol)	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
2-Nitroaniline	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]
2-Nitrophenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
3,3'-Dichlorobenzidine	ND	(0.89) [0.044608]	ND	(0.72) [0.035911]	ND	(19) [0.964375]
3-Nitroaniline	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]
4,6-Dinitro-2-methylphenol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)			10			10			10		
	LOCATION ID			SAMPLE ID			10			10			10		
	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03-01	10-SB-03-02	10-SB-03-03	10-SB-03-04	10-SB-03-05	10-SB-03-06	10-SB-03-07	10-SB-03-08	10-SB-03-09	10-SB-03-10	10-SB-03-11	10-SB-03-12
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5											
4-Bromophenyl phenyl ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
4-Chloro-3-methylphenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
4-Chlorophenyl phenyl ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
4-Methylphenol (p-cresol)	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
4-Nitroaniline	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]	ND	(48) [0.964375]	ND	(2.1) [0.042973]	ND	(2.1) [0.042973]	ND	(2.1) [0.042973]	ND
4-Nitrophenol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]	ND	(48) [0.964375]	ND	(2.1) [0.042973]	ND	(2.1) [0.042973]	ND	(2.1) [0.042973]	ND
Acenaphthene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Acenaphthylene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Anthracene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Benzo(a)anthracene	ND	(0.45) [0.044608]	0.0071 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Benzo(a)pyrene	ND	(0.45) [0.044608]	0.027 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Benzo(b)fluoranthene	ND	(0.45) [0.044608]	0.038 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Benzo(g,h,i)perylene	ND	(0.45) [0.044608]	0.099 JF	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Benzo(k)fluoranthene	ND	(0.45) [0.044608]	0.03 JB	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Benzoic acid	ND	(0.45) [0.044608]	0.099 JF	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Benzyl alcohol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]	ND	(48) [0.964375]	ND	(2.1) [0.042973]	ND	(2.1) [0.042973]	ND	(2.1) [0.042973]	ND
Butylbenzylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Chrysene	ND	(0.45) [0.044608]	0.048 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Di-n-octylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Dibenz(a,h)anthracene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Dibenzofuran	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Diethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Diethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Dimethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Fluoranthene	ND	(0.45) [0.044608]	0.054 J	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Fluorene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Hexachlorobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Hexachlorobutadiene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND
Hexachlorocyclopentadiene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]	ND	(9.6) [0.964375]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND	(0.43) [0.042973]	ND

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	10	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03-01	10-SB-03	10-SB-03-02	10-SB-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5		
Hexachloroethane	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Indeno(1,2,3-cd)pyrene	ND	(0.45) [0.044608]	0.03 JB	(0.36) [0.035911]	ND	(9.6) [0.964375]
Isophorone	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
N-Nitrosodiphenylamine	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
N-Nitrosodipropylamine	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Naphthalene	0.034 J	(0.45) [0.044608]	0.011 J	(0.36) [0.035911]	4.5 J	(9.6) [0.964375]
Nitrobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Pentachlorophenol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]
Phenanthrene	ND	(0.45) [0.044608]	0.028 J	(0.36) [0.035911]	0.25 J	(9.6) [0.964375]
Phenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Pyrene	ND	(0.45) [0.044608]	0.065 J	(0.36) [0.035911]	ND	(9.6) [0.964375]
bis(2-Chloroethoxy)methane	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
bis(2-Chloroethyl) ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
bis(2-Chloroisopropyl) ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
bis(2-Ethylhexyl) phthalate	0.019 JB	(0.45) [0.044608]	0.74	(0.36) [0.035911]	2.4 J	(9.6) [0.964375]
p-Chloroaniline	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	ND	(240) [133.3333]	88 J	(200) [109.8901]	ND	(240) [133.3333]
Acenaphthylene	ND	(310) [133.3333]	ND	(250) [109.8901]	ND	(310) [133.3333]
Anthracene	ND	(88) [133.3333]	ND	(73) [109.8901]	ND	(88) [133.3333]
Benzo(a)anthracene	0.44 J	(1.7) [133.3333]	10	(1.4) [109.8901]	5.5	(1.7) [133.3333]
Benzo(a)pyrene	0.89 J	(3.1) [133.3333]	0.58 J	(2.5) [109.8901]	9.7	(3.1) [133.3333]
Benzo(b)fluoranthene	2.8	(2.4) [133.3333]	32	(2) [109.8901]	18	(2.4) [133.3333]
Benzo(g,h,i)perylene	12	(10) [133.3333]	64 J	(84) [1099]	34	(10) [133.3333]
Benzo(k)fluoranthene	0.43 J	(2.3) [133.3333]	12 J	(19) [1099]	5.2	(2.3) [133.3333]
Chrysene	ND	(20) [133.3333]	ND	(16) [109.8901]	5.8 J	(20) [133.3333]
Dibenzo(a,h)anthracene	ND	(4) [133.3333]	3.4	(3.3) [109.8901]	4.4	(4) [133.3333]
Fluoranthene	ND	(28) [133.3333]	79	(23) [109.8901]	32	(28) [133.3333]
Fluorene	ND	(28) [133.3333]	0.42 JB	(23) [109.8901]	960	(140) [666.7]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03
	10-SB-02-02	10-SB-03-01	10-SB-03-02	10-SB-03-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10		10		10		10		10	
	10-SS-01	10-SS-02	10-SS-03	10-SS-04	10-SS-05	10-SS-06	10-SS-07	10-SS-08	10-SS-09	10-SS-10
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	5200	(22)	[109]							
Gasoline Range Organics (2)	1400	(460)	[4640]							
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	54	(0.37)	[37.32736]							
4,4'-DDE	4.7	(0.37)	[37.32736]							
4,4'-DDT	65	(0.75)	[37.32736]							
Aldrin	0.68 B	(0.37)	[37.32736]							
Chlordane	ND	(1.9)	[37.32736]							
Dieldrin	ND	(0.37)	[37.32736]							
Endosulfan I	ND	(0.37)	[37.32736]							
Endosulfan II	0.73 KJB	(1.1)	[37.32736]							
Endosulfan Sulfate	ND	(1.9)	[37.32736]							
Endrin	ND	(0.37)	[37.32736]							
Endrin Aldehyde	0.0089 PJB	(0.75)	[37.32736]							
Heptachlor	ND	(0.37)	[37.32736]							
Heptachlor epoxide	0.21 KJB	(0.37)	[37.32736]							
Methoxychlor	ND	(1.9)	[37.32736]							
PCB-1016	ND	(3.7)	[37.32736]							
PCB-1221	ND	(7.5)	[37.32736]							
PCB-1232	ND	(7.5)	[37.32736]							
PCB-1242	ND	(3.7)	[37.32736]							
PCB-1248	ND	(3.7)	[37.32736]							
PCB-1254	ND	(7.5)	[37.32736]							
PCB-1260	ND	(7.5)	[37.32736]							
Toxaphene	ND	(19)	[37.32736]							
alpha-BHC	0.25 JB	(0.37)	[37.32736]							
beta-BHC	ND	(0.37)	[37.32736]							
delta-BHC	0.58 B	(0.37)	[37.32736]							

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							
	10	10	10	10				
	10-SS-01 10-SS-01-01 0 - 0.5	10-SS-02 10-SS-02-01 0 - 0.5	10-SS-03 10-SS-03-01 0 - 0.5	10-SS-03 10-DS-02 Dup of 10-SS-03-01 0 - 0.5				
4-Bromophenyl phenyl ether	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Chloro-3-methylphenol	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Chlorophenyl phenyl ether	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Methylphenol (p-cresol)	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
4-Nitroaniline	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
4-Nitrophenol	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
Acenaphthene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Acenaphthylene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Anthracene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	0.012 J	(0.37) [0.036553]	ND	(0.37) [0.036633]
Benzo(a)anthracene	ND	(1.3) [0.125535]	0.031 J	(0.38) [0.037866]	0.041 J	(0.37) [0.036553]	ND	(0.37) [0.036633]
Benzo(a)pyrene	ND	(1.3) [0.125535]	0.044 J	(0.38) [0.037866]	0.076 J	(0.37) [0.036553]	0.058 J	(0.37) [0.036633]
Benzo(b)fluoranthene	ND	(1.3) [0.125535]	0.042 JF	(0.38) [0.037866]	0.092 JF	(0.37) [0.036553]	0.085 JF	(0.37) [0.036633]
Benzo(g,h,i)perylene	ND	(1.3) [0.125535]	0.06 J	(0.38) [0.037866]	0.067 J	(0.37) [0.036553]	0.054 J	(0.37) [0.036633]
Benzo(k)fluoranthene	ND	(1.3) [0.125535]	0.042 JF	(0.38) [0.037866]	0.092 JF	(0.37) [0.036553]	0.085 JF	(0.37) [0.036633]
Benzoic acid	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
Benzyl alcohol	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Butylbenzylphthalate	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Chrysene	ND	(1.3) [0.125535]	0.047 J	(0.38) [0.037866]	0.065 J	(0.37) [0.036553]	0.05 J	(0.37) [0.036633]
Di-n-octylphthalate	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Dibenz(a,h)anthracene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Dibenzofuran	0.28 J	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Dibutylphthalate	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Diethylphthalate	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Dimethylphthalate	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Fluoranthene	ND	(1.3) [0.125535]	0.039 J	(0.38) [0.037866]	0.079 J	(0.37) [0.036553]	0.054 J	(0.37) [0.036633]
Fluorene	0.62 J	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Hexachlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Hexachlorobutadiene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
Hexachlorocyclopentadiene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10		10		10		10	
	10-SS-01 0 - 0.5		10-SS-02 10-SS-02-01 0 - 0.5		10-SS-03 10-SS-03-01 0 - 0.5		10-SS-03 10-SS-03-01 0 - 0.5	
Indeno(1,2,3-cd)pyrene	11 J	(16) [374.5318]	61	(15) [356.5062]	49	(15) [347.3428]	46	(15) [348.4320]
Naphthalene	2300	(670) [374.5318]	ND	(640) [356.5062]	ND	(630) [347.3428]	ND	(630) [348.4320]
Phenanthrene	120 J	(240) [374.5318]	ND	(230) [356.5062]	ND	(220) [347.3428]	ND	(220) [348.4320]
Pyrene	110	(100) [374.5318]	34 J	(96) [356.5062]	41 J	(94) [347.3428]	43 J	(94) [348.4320]

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	10
	10-SS-04	10-SS-05	10-SS-06	10-SS-07	10-SS-08	10-SS-09	10-SS-10	10-SS-11	10-SS-12	10-SS-13
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
<hr/>										
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	78	(22)	[108]	(22)	[111]	(22)	[111]	(22)	[110]	(27)
Gasoline Range Organics (2)	ND	(11)	[106]	(11)	[110]	(11)	[110]	(11)	[112]	(13)
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	140	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
4,4'-DDE	81	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
4,4'-DDT	1300	(36)	[1786.990]	(19)	[937.0314]	(15)	[744.6016]	(15)	[744.6016]	(0.9)
Aldrin	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
Chlordane	ND	(89)	[1786.990]	(47)	[937.0314]	(37)	[744.6016]	(37)	[744.6016]	(2.2)
Dieldrin	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
Endosulfan I	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
Endosulfan II	ND	(54)	[1786.990]	(28)	[937.0314]	(22)	[744.6016]	(22)	[744.6016]	(1.3)
Endosulfan Sulfate	5 KJ	(89)	[1786.990]	(47)	[937.0314]	(37)	[744.6016]	(37)	[744.6016]	(2.2)
Endrin	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
Endrin Aldehyde	ND	(36)	[1786.990]	(19)	[937.0314]	(15)	[744.6016]	(15)	[744.6016]	(0.9)
Heptachlor	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
Heptachlor epoxide	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
Methoxychlor	ND	(89)	[1786.990]	(47)	[937.0314]	(37)	[744.6016]	(37)	[744.6016]	(2.2)
PCB-1016	ND	(180)	[1786.990]	(94)	[937.0314]	(74)	[744.6016]	(74)	[744.6016]	(4.5)
PCB-1221	ND	(360)	[1786.990]	(190)	[937.0314]	(150)	[744.6016]	(150)	[744.6016]	(9)
PCB-1232	ND	(360)	[1786.990]	(190)	[937.0314]	(150)	[744.6016]	(150)	[744.6016]	(9)
PCB-1242	ND	(180)	[1786.990]	(94)	[937.0314]	(74)	[744.6016]	(74)	[744.6016]	(4.5)
PCB-1248	ND	(180)	[1786.990]	(94)	[937.0314]	(74)	[744.6016]	(74)	[744.6016]	(4.5)
PCB-1254	ND	(360)	[1786.990]	(190)	[937.0314]	(150)	[744.6016]	(150)	[744.6016]	(9)
PCB-1260	ND	(360)	[1786.990]	(190)	[937.0314]	(150)	[744.6016]	(150)	[744.6016]	(9)
Toxaphene	ND	(890)	[1786.990]	(470)	[937.0314]	(370)	[744.6016]	(370)	[744.6016]	(22)
alpha-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
beta-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)
delta-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	(7.4)	[744.6016]	(7.4)	[744.6016]	(0.45)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
	10	10	10	10	10	10	10	10	10	10	11	11
	10-SS-04	10-SS-05	10-SS-06	10-SS-01	10-SS-05-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	11-SB-01	11-SB-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4	2 - 4
gamma-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW8240 - Volatile Organics (ug/kg)	(18) [1786.990]	(9.4) [937.0314]	(7.4) [744.6016]	(0.45) [44.82294]								
1,1,1-Trichloroethane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
1,1,2,2-Tetrachloroethane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
1,1,2-Trichloroethane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
1,1-Dichloroethane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
1,1-Dichloroethene	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
1,2-Dichloroethane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
1,2-Dichloropropane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
2-Chloroethyl vinyl ether	(11) [1.078748]	(11) [1.127395]	(11) [1.127395]	(13) [1.345895]								
2-Hexanone	(54) [1.078748]	(56) [1.127395]	(56) [1.127395]	(67) [1.345895]								
4-Methyl-2-pentanone(MIBK)	(54) [1.078748]	(56) [1.127395]	(56) [1.127395]	(67) [1.345895]								
Acetone	(110) [1.078748]	(110) [1.127395]	(110) [1.127395]	(130) [1.345895]								
Benzene	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Bromodichloromethane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Bromomethane	(11) [1.078748]	(11) [1.127395]	(11) [1.127395]	(13) [1.345895]								
Carbon disulfide	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Carbon tetrachloride	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Chlorobenzene	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Chloroethane	(11) [1.078748]	(11) [1.127395]	(11) [1.127395]	(13) [1.345895]								
Chloroform	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Chloromethane	(11) [1.078748]	(11) [1.127395]	(11) [1.127395]	(13) [1.345895]								
Dibromochloromethane	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Ethyl benzene	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Methyl ethyl ketone	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Methylene chloride	(110) [1.078748]	(110) [1.127395]	(110) [1.127395]	(130) [1.345895]								
Styrene	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Tetrachloroethene	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								
Toluene	(5.4) [1.078748]	(5.6) [1.127395]	(5.6) [1.127395]	(6.7) [1.345895]								

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	10	10	10	10	11
	10-SS-04	10-SS-05	10-SS-06	10-SS-01	10-SS-06	11-SB-01
	10-SS-04-01	10-SS-05-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	11-SB-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4
4-Bromophenyl phenyl ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
4-Chloro-3-methylphenol	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
4-Chlorophenyl phenyl ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
4-Methylphenol (p-cresol)	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
4-Nitroaniline	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(2.2) [0.044833]
4-Nitrophenol	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(2.2) [0.044833]
Acenaphthene	1.9	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Acenaphthylene	0.48 J	(1.2) [0.122813]	0.041 J	(0.48) [0.047539]	ND	(0.45) [0.044833]
Anthracene	7.9	(1.2) [0.122813]	0.056 J	(0.48) [0.047539]	ND	(0.45) [0.044833]
Benzo(a)anthracene	14	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.059 J	(0.45) [0.044833]
Benzo(a)pyrene	13	(1.2) [0.122813]	0.26 J	(0.48) [0.047539]	0.088 J	(0.45) [0.044833]
Benzo(b)fluoranthene	13 F	(1.2) [0.122813]	0.25 JF	(0.48) [0.047539]	0.12 JF	(0.45) [0.044833]
Benzo(g,h,i)perylene	6.7	(1.2) [0.122813]	0.22 J	(0.48) [0.047539]	0.099 J	(0.45) [0.044833]
Benzo(k)fluoranthene	13 F	(1.2) [0.122813]	0.25 JF	(0.48) [0.047539]	0.12 JF	(0.45) [0.044833]
Benzoic acid	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(2.2) [0.044833]
Benzyl alcohol	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Butylbenzylphthalate	ND	(1.2) [0.122813]	0.068 J	(0.48) [0.047539]	ND	(0.45) [0.044833]
Chrysene	16	(1.2) [0.122813]	0.39 J	(0.48) [0.047539]	0.11 J	(0.45) [0.044833]
Di-n-octylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Dibenz(a,h)anthracene	3.1	(1.2) [0.122813]	0.087 J	(0.48) [0.047539]	ND	(0.45) [0.044833]
Dibenzofuran	0.74 J	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Dibutylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Diethylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Dimethylphthalate	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Fluoranthene	31	(6.1) [0.614066]	0.43 J	(0.48) [0.047539]	0.12 J	(0.45) [0.044833]
Fluorene	2.2	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Hexachlorobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Hexachlorobutadiene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]
Hexachlorocyclopentadiene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.45) [0.044833]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	11
	10-SS-04	10-SS-05	10-SS-06	10-SS-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	10-SS-06-01	11-SB-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	11-SB-01-01
										2 - 4
Hexachloroethane	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
Indeno(1,2,3-cd)pyrene	6.6	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.088 J	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
Isophorone	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
N-Nitrosodiphenylamine	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
N-Nitrosodipropylamine	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
Naphthalene	0.14 J	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
Nitrobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
Pentachlorophenol	1.2 J	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]	ND	(2.2) [0.044833]
Phenanthrene	17	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.055 J	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
Phenol	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
Pyrene	28	(6.1) [0.614066]	0.46 J	(0.48) [0.047539]	0.12 J	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
bis(2-Chloroethoxy)methane	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
bis(2-Chloroethyl) ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
bis(2-Chloroisopropyl) ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
bis(2-Ethylhexyl) phthalate	0.94 J	(1.2) [0.122813]	0.14 J	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
p-Chloroaniline	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	(0.45) [0.044833]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)										
Acenaphthene	ND	(3200) [1796.622]	ND	(670) [374.2514]	ND	(670) [373.5524]	NA	NA	NA	NA
Acenaphthylene	ND	(4100) [1796.622]	ND	(860) [374.2514]	ND	(860) [373.5524]	NA	NA	NA	NA
Anthracene	300 J	(1200) [1796.622]	18 J	(250) [374.2514]	ND	(250) [373.5524]	NA	NA	NA	NA
Benzo(a)anthracene	840	(47) [3593.244]	69	(4.9) [374.2514]	31	(4.9) [373.5524]	NA	NA	NA	NA
Benzo(a)pyrene	500	(41) [1796.622]	72	(8.6) [374.2514]	67	(8.6) [373.5524]	NA	NA	NA	NA
Benzo(b)fluoranthene	24 J	(32) [1796.622]	78	(6.7) [374.2514]	82	(6.7) [373.5524]	NA	NA	NA	NA
Benzo(g,h,i)perylene	120 J	(140) [1796.622]	15 J	(28) [374.2514]	45	(28) [373.5524]	NA	NA	NA	NA
Benzo(k)fluoranthene	260	(31) [1796.622]	37	(6.4) [374.2514]	38	(6.4) [373.5524]	NA	NA	NA	NA
Chrysene	210 J	(270) [1796.622]	140	(56) [374.2514]	90	(56) [373.5524]	NA	NA	NA	NA
Dibenzo(a,h)anthracene	170	(54) [1796.622]	9.8 J	(11) [374.2514]	24	(11) [373.5524]	NA	NA	NA	NA
Fluoranthene	1600	(380) [1796.622]	140	(79) [374.2514]	96	(78) [373.5524]	NA	NA	NA	NA
Fluorene	88 J	(380) [1796.622]	ND	(79) [374.2514]	ND	(78) [373.5524]	NA	NA	NA	NA

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	11	11	11	11	11	11	11	11	11	12
	11-SB-01	11-SB-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	12-MW-01
	11-SB-01-02	11-SB-01-02	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	12-MW-01-02
	5 - 7	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 7
<hr/>										
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	ND	(25)	[126]	NA	(230)	[1150]	NA	(53)	[531]	(20)
Gasoline Range Organics (2)	ND	(12)	[118]	NA	(11)	[109]	NA	NA	NA	(10)
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	1.7	(0.42)	[41.99916]	NA	24 B		NA			NA
4,4'-DDE	0.99	(0.42)	[41.99916]	NA			NA			NA
4,4'-DDT	3	(0.84)	[41.99916]	NA			NA			NA
Aldrin	1.4	(0.42)	[41.99916]	NA			NA			NA
Chlordane	ND	(2.1)	[41.99916]	NA			NA			NA
Dieldrin	0.37 KJB	(0.42)	[41.99916]	NA			NA			NA
Endosulfan I	ND	(0.42)	[41.99916]	NA			NA			NA
Endosulfan II	0.69 JB	(1.3)	[41.99916]	NA			NA			NA
Endosulfan Sulfate	0.74 KJB	(2.1)	[41.99916]	NA			NA			NA
Endrin	ND	(0.42)	[41.99916]	NA			NA			NA
Endrin Aldehyde	0.41 KJB	(0.84)	[41.99916]	NA			NA			NA
Heptachlor	0.12 KJB	(0.42)	[41.99916]	NA			NA			NA
Heptachlor epoxide	0.46 PB	(0.42)	[41.99916]	NA			NA			NA
Methoxychlor	ND	(2.1)	[41.99916]	NA			NA			NA
PCB-1016	ND	(4.2)	[41.99916]	NA			NA			NA
PCB-1221	ND	(8.4)	[41.99916]	NA			NA			NA
PCB-1232	ND	(8.4)	[41.99916]	NA			NA			NA
PCB-1242	ND	(4.2)	[41.99916]	NA			NA			NA
PCB-1248	ND	(4.2)	[41.99916]	NA			NA			NA
PCB-1254	ND	(8.4)	[41.99916]	NA			NA			NA
PCB-1260	ND	(8.4)	[41.99916]	NA			NA			NA
Toxaphene	ND	(21)	[41.99916]	NA			NA			NA
alpha-BHC	ND	(0.42)	[41.99916]	NA			NA			NA
beta-BHC	0.39 KJB	(0.42)	[41.99916]	NA			NA			NA
delta-BHC	1.2 B	(0.42)	[41.99916]	NA			NA			NA

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	11		11		11	
	11-SB-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01
	11-SB-01-02	11-SB-01-01	11-SS-01-01	11-SS-01-01	11-SS-01 Dup of 11-SS-01-01	12-MW-01
	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	12-MW-01-02
						5 - 7

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)							
	11	11	11	12				
	11-SB-01	11-SS-01	11-SS-01	12-MW-01				
	11-SB-01-02	11-SS-01-01	11-DS-01 Dup of 11-SS-01-01	12-MW-01-02				
	5 - 7	0 - 0.5	0 - 0.5	5 - 7				

Tribromomethane(Bromoform)	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND	(110) [22.72727]	ND	(5.2) [1.039501]
Trichloroethene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND	(110) [22.72727]	ND	(5.2) [1.039501]
Vinyl acetate	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND	(110) [22.72727]	ND	(5.2) [1.039501]
Vinyl chloride	ND	(13) [1.261034]	ND	(230) [23.17497]	ND	(230) [22.72727]	ND	(10) [1.039501]
Xylenes	ND	(6.3) [1.261034]	55 J	(120) [23.17497]	67 J	(110) [22.72727]	ND	(5.2) [1.039501]
cis-1,3-Dichloropropene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND	(110) [22.72727]	ND	(5.2) [1.039501]
trans-1,2-Dichloroethene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND	(110) [22.72727]	ND	(5.2) [1.039501]
trans-1,3-Dichloropropene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND	(110) [22.72727]	ND	(5.2) [1.039501]
SW8270 - Semivolatitle Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
1,2-Dichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
1,3-Dichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
1,4-Dichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2,4,5-Trichlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2,4,6-Trichlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2,4-Dichlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2,4-Dimethylphenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2,4-Dinitrophenol	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	NA		ND	(1.7) [0.034569]
2,4-Dinitrotoluene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2,6-Dinitrotoluene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2-Chloronaphthalene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2-Chlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2-Methylnaphthalene	ND	(0.42) [0.042034]	0.13 J	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2-Methylphenol(o-cresol)	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
2-Nitroaniline	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	NA		ND	(1.7) [0.034569]
2-Nitrophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	NA		ND	(0.35) [0.034569]
3,3'-Dichlorobenzidine	ND	(0.84) [0.042034]	ND	(2.3) [0.115413]	NA		ND	(0.69) [0.034569]
3-Nitroaniline	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	NA		ND	(1.7) [0.034569]
4,6-Dinitro-2-methylphenol	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	NA		ND	(1.7) [0.034569]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 Mar 1995

NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

		SITE ID		
		LOCATION ID		
		SAMPLE ID		
		BEG. DEPTH - END DEPTH (FT.)		

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID	
LOCATION ID	
SAMPLE ID	
BEG. DEPTH - END DEPTH (FT.)	
12	
12-MW-02	
12-MW-02-02	
10 - 12	
PARAMETER	-----
Tetrachloroethene	ND (5.5) [1.103752]
Toluene	ND (5.5) [1.103752]
Tribromomethane(Bromoform)	ND (5.5) [1.103752]
Trichloroethene	ND (5.5) [1.103752]
Vinyl acetate	ND (5.5) [1.103752]
Vinyl chloride	ND (11) [1.103752]
Xylenes	ND (5.5) [1.103752]
cis-1,3-Dichloropropene	ND (5.5) [1.103752]
trans-1,2-Dichloroethene	ND (5.5) [1.103752]
trans-1,3-Dichloropropene	ND (5.5) [1.103752]
WB270 - Semivolatiles Organics (mg/kg)	
1,2,4-Trichlorobenzene	ND (0.37) [0.036645]
1,2-Dichlorobenzene	ND (0.37) [0.036645]
1,3-Dichlorobenzene	ND (0.37) [0.036645]
1,4-Dichlorobenzene	ND (0.37) [0.036645]
2,4,5-Trichlorophenol	ND (0.37) [0.036645]
2,4,6-Trichlorophenol	ND (0.37) [0.036645]
2,4-Dichlorophenol	ND (0.37) [0.036645]
2,4-Dimethylphenol	ND (0.37) [0.036645]
2,4-Dinitrophenol	ND (1.8) [0.036645]
2,4-Dinitrotoluene	ND (0.37) [0.036645]
2,6-Dinitrotoluene	ND (0.37) [0.036645]
2-Chloronaphthalene	ND (0.37) [0.036645]
2-Chlorophenol	ND (0.37) [0.036645]
2-Methylnaphthalene	ND (0.37) [0.036645]
2-Methylphenol (o-cresol)	ND (0.37) [0.036645]
2-Nitroaniline	ND (1.8) [0.036645]
2-Nitrophenol	ND (0.37) [0.036645]
2,3'-Dichlorobenzidine	ND (0.73) [0.036645]

() = Detection Limit ☐ = Factor ND = Not Detected NA = Not Applicable
 Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

PARAMETER	12	
	12-MW-02	
	12-MW-02-02	
	10 - 12	

3-Nitroaniline	ND	(1.8) [0.036645]
4,6-Dinitro-2-methylphenol	ND	(1.8) [0.036645]
4-Bromophenyl phenyl ether	ND	(0.37) [0.036645]
4-Chloro-3-methylphenol	ND	(0.37) [0.036645]
4-Chlorophenyl phenyl ether	ND	(0.37) [0.036645]
4-Methylphenol (p-cresol)	ND	(0.37) [0.036645]
4-Nitroaniline	ND	(1.8) [0.036645]
4-Nitrophenol	ND	(1.8) [0.036645]
Acenaphthene	ND	(0.37) [0.036645]
Acenaphthylene	ND	(0.37) [0.036645]
Anthracene	ND	(0.37) [0.036645]
Benzo(a)anthracene	ND	(0.37) [0.036645]
Benzo(a)pyrene	ND	(0.37) [0.036645]
Benzo(b)fluoranthene	ND	(0.37) [0.036645]
Benzo(g,h,i)perylene	ND	(0.37) [0.036645]
Benzo(k)fluoranthene	ND	(0.37) [0.036645]
Benzoic acid	ND	(1.8) [0.036645]
Benzyl alcohol	ND	(0.37) [0.036645]
Butylbenzylphthalate	ND	(0.37) [0.036645]
Chrysene	ND	(0.37) [0.036645]
Di-n-octylphthalate	ND	(0.37) [0.036645]
Dibenz(a,h)anthracene	ND	(0.37) [0.036645]
Dibenzofuran	ND	(0.37) [0.036645]
Diethylphthalate	ND	(0.37) [0.036645]
Diethylphthalate	ND	(0.37) [0.036645]
Dimethylphthalate	ND	(0.37) [0.036645]
Fluoranthene	ND	(0.37) [0.036645]
Fluorene	ND	(0.37) [0.036645]
Hexachlorobenzene	ND	(0.37) [0.036645]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID		BEG. DEPTH - END DEPTH (FT.)
LOCATION ID		
SAMPLE ID		
12		
12-MW-02		
12-MW-02-02		
10 - 12		

PARAMETER		

Hexachlorobutadiene	ND	(0.37) [0.036645]
Hexachlorocyclopentadiene	ND	(0.37) [0.036645]
Hexachloroethane	ND	(0.37) [0.036645]
Indeno(1,2,3-cd)pyrene	ND	(0.37) [0.036645]
Isophorone	ND	(0.37) [0.036645]
N-Nitrosodiphenylamine	ND	(0.37) [0.036645]
N-Nitrosodipropylamine	ND	(0.37) [0.036645]
Naphthalene	ND	(0.37) [0.036645]
Nitrobenzene	ND	(0.37) [0.036645]
Pentachlorophenol	ND	(1.8) [0.036645]
Phenanthrene	ND	(0.37) [0.036645]
Phenol	ND	(0.37) [0.036645]
Pyrene	ND	(0.37) [0.036645]
bis(2-Chloroethoxy)methane	ND	(0.37) [0.036645]
bis(2-Chloroethyl) ether	ND	(0.37) [0.036645]
bis(2-Chloroisopropyl) ether	ND	(0.37) [0.036645]
bis(2-Ethylhexyl) phthalate	ND	(0.37) [0.036645]
p-Chloroaniline	ND	(0.37) [0.036645]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)											
	01	01	01	01	01	01	01	01	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-02	01-MW-02	01-MW-02	01-SB-01	01-SB-01	01-SB-01	01-SB-01	01-SB-01	01-SB-01
	01-MW-01-02	01-MW-02-02	01-MW-02-02	01-MW-02-02	01-MW-02-02	01-MW-02-02	01-SB-01-01	01-SB-01-01	01-SB-01-01	01-SB-01-01	01-SB-01-02	01-SB-01-02
	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	3 - 5	3 - 5	3 - 5	3 - 5	8 - 10	8 - 10

SW6010 - Metals (mg/kg)												
Aluminum	11000	(19)	[96.15384]	7800	(21)	[103.7344]	11000	(22)	[112.3595]	9300	(20)	[100.8064]
Antimony	ND	(9.6)	[96.15384]	ND	(10)	[103.7344]	ND	(11)	[112.3595]	ND	(10)	[100.8064]
Arsenic	ND	(29)	[96.15384]	ND	(31)	[103.7344]	ND	(34)	[112.3595]	ND	(30)	[100.8064]
Barium	210	(0.96)	[96.15384]	130	(1)	[103.7344]	200	(1.1)	[112.3595]	170	(1)	[100.8064]
Beryllium	0.28	(0.19)	[96.15384]	ND	(0.21)	[103.7344]	0.23	(0.22)	[112.3595]	0.21	(0.2)	[100.8064]
Cadmium	ND	(0.48)	[96.15384]	ND	(0.52)	[103.7344]	ND	(0.56)	[112.3595]	ND	(0.5)	[100.8064]
Calcium	16000	(96)	[96.15384]	9000	(100)	[103.7344]	13000	(110)	[112.3595]	13000	(100)	[100.8064]
Chromium	24	(0.96)	[96.15384]	17	(1)	[103.7344]	24	(1.1)	[112.3595]	20	(1)	[100.8064]
Cobalt	12	(0.96)	[96.15384]	9.1	(1)	[103.7344]	13	(1.1)	[112.3595]	11	(1)	[100.8064]
Copper	37	(1.9)	[96.15384]	19	(2.1)	[103.7344]	33	(2.2)	[112.3595]	30	(2)	[100.8064]
Iron	23000	(4.8)	[96.15384]	18000	(5.2)	[103.7344]	25000	(5.6)	[112.3595]	21000	(5)	[100.8064]
Lead	6.5	(4.8)	[96.15384]	8.9	(5.2)	[103.7344]	18	(5.6)	[112.3595]	12	(5)	[100.8064]
Magnesium	7800	(96)	[96.15384]	6000	(100)	[103.7344]	7800	(110)	[112.3595]	7100	(100)	[100.8064]
Manganese	440	(0.96)	[96.15384]	310	(1)	[103.7344]	440	(1.1)	[112.3595]	380	(1)	[100.8064]
Molybdenum	ND	(4.8)	[96.15384]	ND	(5.2)	[103.7344]	ND	(5.6)	[112.3595]	ND	(5)	[100.8064]
Nickel	28	(1.9)	[96.15384]	21	(2.1)	[103.7344]	29	(2.2)	[112.3595]	25	(2)	[100.8064]
Potassium	1000	(290)	[96.15384]	790	(310)	[103.7344]	1100	(340)	[112.3595]	880	(300)	[100.8064]
Selenium	ND	(29)	[96.15384]	ND	(31)	[103.7344]	ND	(34)	[112.3595]	ND	(30)	[100.8064]
Silver	ND	(0.96)	[96.15384]	ND	(1)	[103.7344]	ND	(1.1)	[112.3595]	ND	(1)	[100.8064]
Sodium	340	(96)	[96.15384]	240	(100)	[103.7344]	300	(110)	[112.3595]	260	(100)	[100.8064]
Thallium	ND	(9.6)	[96.15384]	ND	(10)	[103.7344]	ND	(11)	[112.3595]	ND	(10)	[100.8064]
Vanadium	40	(1.9)	[96.15384]	31	(2.1)	[103.7344]	41	(2.2)	[112.3595]	34	(2)	[100.8064]
Zinc	77	(1.9)	[96.15384]	54	(2.1)	[103.7344]	87	(2.2)	[112.3595]	68	(2)	[100.8064]
SW7060 - Arsenic (mg/kg)												
Arsenic	9.8	(0.83)	[208.3333]	8	(0.75)	[188.4836]	11	(0.74)	[186.0119]	9.5	(0.84)	[210.0840]
SW7421 - Lead (mg/kg)												
Lead	11	(1.2)	[416.6666]	10	(1.1)	[376.9672]	10	(1.1)	[372.0238]	7.8	(0.63)	[210.0840]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable
 Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID				
	SAMPLE ID				
SW7471 - Mercury (mg/kg)	01	01	01	01	
Mercury	01-MW-01	01-MW-02	01-SB-01	01-SB-01	
SW7740 - Selenium (mg/kg)	01-MW-01-02	01-MW-02-02	01-SB-01-01	01-SB-01-02	
Selenium	5 - 7	5 - 7	3 - 5	8 - 10	
SW846 - Percent Moisture (%)	0.09 B	0.12	0.11	0.11	
Percent moisture	(0.063) [350.8771]	(0.062) [342.9355]	(0.043) [238.0952]	(0.051) [284.0909]	
	ND	ND	ND	ND	
	(0.52) [104.1666]	(0.47) [94.24182]	(0.47) [93.00595]	(0.53) [105.0420]	
	25	19	16	20	
	() [1]	() [1]	() [1]	() [1]	

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	01	01	01	01	01	01
	01-SB-01	01-SB-02	01-SB-02	01-SB-02	01-SB-02-03	01-SB-02
	12 - 15	3 - 5	3 - 5	5 - 7	12 - 15	12 - 15

SW6010 - Metals (mg/kg)						
Aluminum	9000	(20) [100.8064]	8700	(20) [102.0408]	9200	(25) [123.3045]
Antimony	ND	(10) [100.8064]	ND	(10) [102.0408]	ND	(12) [123.3045]
Arsenic	ND	(30) [100.8064]	ND	(31) [102.0408]	ND	(37) [123.3045]
Barium	160	(1) [100.8064]	190	(1) [102.0408]	150	(1.2) [123.3045]
Beryllium	ND	(0.2) [100.8064]	ND	(0.2) [102.0408]	ND	(0.25) [123.3045]
Cadmium	ND	(0.5) [100.8064]	0.6	(0.51) [102.0408]	ND	(0.62) [123.3045]
Calcium	13000	(100) [100.8064]	10000	(100) [102.0408]	12000	(120) [123.3045]
Chromium	20	(1) [100.8064]	20	(1) [102.0408]	20	(1.2) [123.3045]
Cobalt	11	(1) [100.8064]	11	(1) [102.0408]	11	(1.2) [123.3045]
Copper	23	(2) [100.8064]	26	(2) [102.0408]	27	(2.5) [123.3045]
Iron	21000	(5) [100.8064]	20000	(5.1) [102.0408]	20000	(6.2) [123.3045]
Lead	13	(5) [100.8064]	71	(5.1) [102.0408]	37	(6.2) [123.3045]
Magnesium	6800	(100) [100.8064]	6400	(100) [102.0408]	6700	(120) [123.3045]
Manganese	370	(1) [100.8064]	310	(1) [102.0408]	320	(1.2) [123.3045]
Molybdenum	ND	(5) [100.8064]	ND	(5.1) [102.0408]	ND	(6.2) [123.3045]
Nickel	24	(2) [100.8064]	23	(2) [102.0408]	26	(2.5) [123.3045]
Potassium	850	(300) [100.8064]	1100	(310) [102.0408]	1000	(370) [123.3045]
Selenium	ND	(30) [100.8064]	ND	(31) [102.0408]	ND	(37) [123.3045]
Silver	ND	(1) [100.8064]	ND	(1) [102.0408]	ND	(1.2) [123.3045]
Sodium	260	(100) [100.8064]	230	(100) [102.0408]	280	(120) [123.3045]
Thallium	ND	(10) [100.8064]	ND	(10) [102.0408]	ND	(12) [123.3045]
Vanadium	34	(2) [100.8064]	31	(2) [102.0408]	35	(2.5) [123.3045]
Zinc	60	(2) [100.8064]	83	(2) [102.0408]	64	(2.5) [123.3045]
SW7060 - Arsenic (mg/kg)						
Arsenic	8.8	(0.76) [189.3939]	8.2	(0.68) [169.7504]	9.4	(0.98) [244.2002]
SW7421 - Lead (mg/kg)						
Lead	6.5	(0.57) [189.3939]	82	(5.1) [1697.504]	28	(1.5) [488.4004]

Compiled: 21 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7471 - Mercury (mg/kg)				
Mercury	01	01	01	01
SW7740 - Selenium (mg/kg)	01-SB-01	01-SB-02	01-SB-02	01-SB-02
Selenium	01-SB-01-03	01-SB-02-01	01-SB-02-02	01-SB-02-03
SW846 - Percent Moisture (%)	12 - 15	3 - 5	5 - 7	12 - 15
Percent moisture				
	0.095 B	(0.045) [250.0000]	0.084 B	(0.042) [232.5581]
	ND	(0.47) [94.69696]	ND	(0.42) [84.87523]
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TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		01	
	01-SD-01	01-SD-01	01-SD-01	01-SD-01	01-SD-01 Dup of 01-SD-01-01	01-SD-01	01-SD-01	01-SD-01	01-SD-02	01-SD-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	01-DS-03 Dup of 01-SD-02-01

SW6010 - Metals (mg/kg)										
Aluminum	12000	(20) [102.0408]	13000	(20) [99.0099]	11000	(20) [102.0408]	12000	(19) [95.23809]		
Antimony	ND	(10) [102.0408]	16	(9.9) [99.0099]	ND	(10) [102.0408]	ND	(9.5) [95.23809]		
Arsenic	ND	(31) [102.0408]	ND	(30) [99.0099]	ND	(31) [102.0408]	ND	(29) [95.23809]		
Barium	190	(1) [102.0408]	200	(0.99) [99.0099]	180	(1) [102.0408]	190	(0.95) [95.23809]		
Beryllium	0.25	(0.2) [102.0408]	0.3	(0.2) [99.0099]	0.21	(0.2) [102.0408]	0.24	(0.19) [95.23809]		
Cadmium	ND	(0.51) [102.0408]	0.69	(0.5) [99.0099]	0.68	(0.51) [102.0408]	ND	(0.48) [95.23809]		
Calcium	13000	(100) [102.0408]	14000	(99) [99.0099]	14000	(100) [102.0408]	14000	(95) [95.23809]		
Chromium	26	(1) [102.0408]	25	(0.99) [99.0099]	23	(1) [102.0408]	24	(0.95) [95.23809]		
Cobalt	12	(1) [102.0408]	12	(0.99) [99.0099]	11	(1) [102.0408]	11	(0.95) [95.23809]		
Copper	30	(2) [102.0408]	30	(2) [99.0099]	28	(2) [102.0408]	28	(1.9) [95.23809]		
Iron	23000	(5.1) [102.0408]	24000	(5) [99.0099]	23000	(5.1) [102.0408]	23000	(4.8) [95.23809]		
Lead	22	(5.1) [102.0408]	10	(5) [99.0099]	10	(5.1) [102.0408]	8	(4.8) [95.23809]		
Magnesium	7500	(100) [102.0408]	7900	(99) [99.0099]	7600	(100) [102.0408]	7600	(95) [95.23809]		
Manganese	410	(1) [102.0408]	430	(0.99) [99.0099]	420	(1) [102.0408]	410	(0.95) [95.23809]		
Molybdenum	ND	(5.1) [102.0408]	ND	(5) [99.0099]	ND	(5.1) [102.0408]	ND	(4.8) [95.23809]		
Nickel	28	(2) [102.0408]	29	(2) [99.0099]	28	(2) [102.0408]	27	(1.9) [95.23809]		
Potassium	1400	(310) [102.0408]	1400	(300) [99.0099]	1300	(310) [102.0408]	1400	(290) [95.23809]		
Selenium	ND	(31) [102.0408]	ND	(30) [99.0099]	ND	(31) [102.0408]	ND	(29) [95.23809]		
Silver	ND	(1) [102.0408]	ND	(0.99) [99.0099]	ND	(1) [102.0408]	ND	(0.95) [95.23809]		
Sodium	400	(100) [102.0408]	420	(99) [99.0099]	340	(100) [102.0408]	400	(95) [95.23809]		
Thallium	ND	(10) [102.0408]	ND	(9.9) [99.0099]	ND	(10) [102.0408]	ND	(9.5) [95.23809]		
Vanadium	42	(2) [102.0408]	43	(2) [99.0099]	38	(2) [102.0408]	40	(1.9) [95.23809]		
Zinc	77	(2) [102.0408]	78	(2) [99.0099]	74	(2) [102.0408]	74	(1.9) [95.23809]		
SW7060 - Arsenic (mg/kg)										
Arsenic	11	(0.82) [204.2483]	10	(0.79) [198.4126]	11	(0.82) [204.0816]	10	(0.76) [190.3311]		
SW7421 - Lead (mg/kg)										
Lead	13	(1.2) [408.4967]	5.4	(1.2) [391.3894]	9.7	(1.2) [408.1632]	8.1	(1.2) [386.1003]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	01
	01-SD-01	01-SD-01	01-SD-02	01-SD-01
	01-SD-01-01	01-DS-01 Dup of 01-SD-01-01	01-SD-02-01	01-DS-03 Dup of 01-SD-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.15	(0.063) [350.1400]	0.15	(0.066) [365.4970]
			0.13	(0.051) [285.7142]
SW7740 - Selenium (mg/kg)				0.14
Selenium	0.57	(0.51) [102.1241]	0.6	(0.5) [102.0408]
			ND	(0.48) [96.52509]
SW846 - Percent Moisture (%)				ND
Percent moisture	32	() [1]	28	() [1]
			30	() [1]
			29	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	01	01	01	01	01	01
	01-SS-01	01-SS-02	01-SS-03	01-SS-04	01-SS-04-01	01-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
<hr/>						
SW6010 - Metals (mg/kg)						
Aluminum	9500	(16) [77.51938]	9100	(15) [72.9927]	12000	(18) [90.90908]
Antimony	ND	(7.8) [77.51938]	ND	(7.3) [72.9927]	ND	(9.1) [90.90908]
Arsenic	ND	(23) [77.51938]	ND	(22) [72.9927]	ND	(27) [90.90908]
Barium	160	(0.78) [77.51938]	280	(0.73) [72.9927]	240	(0.91) [90.90908]
Beryllium	0.24	(0.16) [77.51938]	0.21	(0.15) [72.9927]	0.29	(0.18) [90.90908]
Cadmium	ND	(0.39) [77.51938]	ND	(0.36) [72.9927]	ND	(0.45) [90.90908]
Calcium	9400	(78) [77.51938]	8100	(73) [72.9927]	11000	(91) [90.90908]
Chromium	21	(0.78) [77.51938]	21	(0.73) [72.9927]	28	(0.91) [90.90908]
Cobalt	11	(0.78) [77.51938]	10	(0.73) [72.9927]	13	(0.91) [90.90908]
Copper	22	(1.6) [77.51938]	21	(1.5) [72.9927]	30	(1.8) [90.90908]
Iron	19000	(3.9) [77.51938]	18000	(3.6) [72.9927]	23000	(4.5) [90.90908]
Lead	30	(3.9) [77.51938]	38	(3.6) [72.9927]	70	(4.5) [90.90908]
Magnesium	6100	(78) [77.51938]	5800	(73) [72.9927]	7500	(91) [90.90908]
Manganese	360	(0.78) [77.51938]	320	(0.73) [72.9927]	370	(0.91) [90.90908]
Molybdenum	ND	(3.9) [77.51938]	ND	(3.6) [72.9927]	ND	(4.5) [90.90908]
Nickel	25	(1.6) [77.51938]	22	(1.5) [72.9927]	27	(1.8) [90.90908]
Potassium	940	(230) [77.51938]	1000	(220) [72.9927]	1500	(270) [90.90908]
Selenium	ND	(23) [77.51938]	ND	(22) [72.9927]	ND	(27) [90.90908]
Silver	ND	(0.78) [77.51938]	ND	(0.73) [72.9927]	ND	(0.91) [90.90908]
Sodium	280	(78) [77.51938]	280	(73) [72.9927]	380	(91) [90.90908]
Thallium	ND	(7.8) [77.51938]	ND	(7.3) [72.9927]	ND	(9.1) [90.90908]
Vanadium	34	(1.6) [77.51938]	34	(1.5) [72.9927]	44	(1.8) [90.90908]
Zinc	76	(1.6) [77.51938]	89	(1.5) [72.9927]	120	(1.8) [90.90908]
SW7060 - Arsenic (mg/kg)						
Arsenic	9.4	(0.65) [161.9433]	7.6	(0.56) [140.3272]	10	(0.68) [168.8618]
SW7421 - Lead (mg/kg)						
Lead	37	(2.4) [809.7165]	37	(2.1) [701.6362]	89	(5.1) [1688.618]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	01
	01-SS-01	01-SS-02	01-SS-03	01-SS-04
	01-SS-01-01	01-SS-02-01	01-SS-03-01	01-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.13	(0.047) [263.1578]	0.061 B	(0.039) [216.3378]
			ND	(0.051) [283.4467]
SW7740 - Selenium (mg/kg)				(0.045) [249.8750]
Selenium	ND	(0.4) [80.97165]	ND	(0.42) [84.43093]
			ND	(0.39) [78.19219]
SW846 - Percent Moisture (%)				
Percent moisture	5	() [1]	3.7	() [1]
			16	() [1]
			13	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		01			
	01-SS-05		01-SS-06		01-SS-07		01-SS-07		01-SS-07			
	01-SS-05-01 0 - 0.5		01-SS-06-01 0 - 0.5		01-SS-07-01 0 - 0.5		01-SS-07-01 0 - 0.5		01-SS-07-01 0 - 0.5			

SW6010 - Metals (mg/kg)												
Aluminum	10000	(15)	[75.75757]	9000	(16)	[78.74015]	6500	(14)	[71.42857]	6300	(16)	[81.30081]
Antimony	ND	(7.6)	[75.75757]	ND	(7.9)	[78.74015]	ND	(7.1)	[71.42857]	ND	(8.1)	[81.30081]
Arsenic	ND	(23)	[75.75757]	ND	(24)	[78.74015]	ND	(21)	[71.42857]	ND	(24)	[81.30081]
Barium	180	(0.76)	[75.75757]	260	(0.79)	[78.74015]	200	(0.71)	[71.42857]	200	(0.81)	[81.30081]
Beryllium	0.25	(0.15)	[75.75757]	0.21	(0.16)	[78.74015]	0.16	(0.14)	[71.42857]	ND	(0.16)	[81.30081]
Cadmium	ND	(0.38)	[75.75757]	ND	(0.39)	[78.74015]	0.81	(0.36)	[71.42857]	0.86	(0.41)	[81.30081]
Calcium	11000	(76)	[75.75757]	8800	(79)	[78.74015]	4400	(71)	[71.42857]	4100	(81)	[81.30081]
Chromium	28	(0.76)	[75.75757]	24	(0.79)	[78.74015]	15	(0.71)	[71.42857]	15	(0.81)	[81.30081]
Cobalt	12	(0.76)	[75.75757]	10	(0.79)	[78.74015]	8.6	(0.71)	[71.42857]	7.5	(0.81)	[81.30081]
Copper	27	(1.5)	[75.75757]	20	(1.6)	[78.74015]	18	(1.4)	[71.42857]	17	(1.6)	[81.30081]
Iron	20000	(3.8)	[75.75757]	18000	(3.9)	[78.74015]	14000	(3.6)	[71.42857]	13000	(4.1)	[81.30081]
Lead	59	(3.8)	[75.75757]	66	(3.9)	[78.74015]	53	(3.6)	[71.42857]	58	(4.1)	[81.30081]
Magnesium	7100	(76)	[75.75757]	5600	(79)	[78.74015]	4000	(71)	[71.42857]	3900	(81)	[81.30081]
Manganese	350	(0.76)	[75.75757]	320	(0.79)	[78.74015]	180	(0.71)	[71.42857]	180	(0.81)	[81.30081]
Molybdenum	ND	(3.8)	[75.75757]	ND	(3.9)	[78.74015]	ND	(3.6)	[71.42857]	ND	(4.1)	[81.30081]
Nickel	26	(1.5)	[75.75757]	22	(1.6)	[78.74015]	19	(1.4)	[71.42857]	16	(1.6)	[81.30081]
Potassium	1500	(230)	[75.75757]	970	(240)	[78.74015]	720	(210)	[71.42857]	740	(240)	[81.30081]
Selenium	ND	(23)	[75.75757]	ND	(24)	[78.74015]	ND	(21)	[71.42857]	ND	(24)	[81.30081]
Silver	ND	(0.76)	[75.75757]	ND	(0.79)	[78.74015]	ND	(0.71)	[71.42857]	ND	(0.81)	[81.30081]
Sodium	310	(76)	[75.75757]	280	(79)	[78.74015]	150	(71)	[71.42857]	160	(81)	[81.30081]
Thallium	ND	(7.6)	[75.75757]	ND	(7.9)	[78.74015]	ND	(7.1)	[71.42857]	ND	(8.1)	[81.30081]
Vanadium	36	(1.5)	[75.75757]	34	(1.6)	[78.74015]	24	(1.4)	[71.42857]	23	(1.6)	[81.30081]
Zinc	83	(1.5)	[75.75757]	76	(1.6)	[78.74015]	100	(1.4)	[71.42857]	100	(1.6)	[81.30081]

SW7060 - Arsenic (mg/kg)	7.3	(0.64)	[161.1317]	7.3	(0.6)	[149.2760]	4.4	(0.29)	[71.63836]	4.6	(0.33)	[83.64001]
Arsenic												
SW7421 - Lead (mg/kg)	68	(4.8)	[1611.317]	65	(4.5)	[1492.760]	73	(4.3)	[1432.767]	87	(5)	[1672.800]
Lead												

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			

SW7471 - Mercury (mg/kg)				
Mercury	ND	(0.045) [250.8528]	ND	(0.051) [284.8029]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.4) [80.56589]	ND	(0.37) [74.63800]
SW846 - Percent Moisture (%)				
Percent moisture	9.4	() [1]	7.6	() [1]
			1	() [1]
			ND	(0.04) [219.5871]
			ND	(0.042) [231.9109]
			ND	(0.36) [71.63836]
			ND	(0.42) [83.64001]
			2	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	01	01	01	01	01	01	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	01-SS-10	01-SS-08	01-SS-09	01-SS-10	01-SS-10	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	01-SS-10-01	01-SS-08-01	01-SS-09-01	01-SS-10-01	01-SS-10-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6
<hr/>										
SW6010 - Metals (mg/kg)										
Aluminum	6800	(15)	[74.07407]	11000	(17)	[82.64462]	5700	(15)	[73.52941]	10000
Antimony	ND	(7.4)	[74.07407]	ND	(8.3)	[82.64462]	ND	(7.4)	[73.52941]	ND
Arsenic	ND	(22)	[74.07407]	ND	(25)	[82.64462]	ND	(22)	[73.52941]	ND
Barium	120	(0.74)	[74.07407]	180	(0.83)	[82.64462]	99	(0.74)	[73.52941]	180
Beryllium	0.16	(0.15)	[74.07407]	0.26	(0.17)	[82.64462]	0.15	(0.15)	[73.52941]	ND
Cadmium	ND	(0.37)	[74.07407]	ND	(0.41)	[82.64462]	ND	(0.37)	[73.52941]	ND
Calcium	8800	(74)	[74.07407]	12000	(83)	[82.64462]	4500	(74)	[73.52941]	14000
Chromium	15	(0.74)	[74.07407]	24	(0.83)	[82.64462]	12	(0.74)	[73.52941]	23
Cobalt	7.5	(0.74)	[74.07407]	12	(0.83)	[82.64462]	6.7	(0.74)	[73.52941]	12
Copper	16	(1.5)	[74.07407]	27	(1.7)	[82.64462]	12	(1.5)	[73.52941]	27
Iron	14000	(3.7)	[74.07407]	23000	(4.1)	[82.64462]	11000	(3.7)	[73.52941]	23000
Lead	17	(3.7)	[74.07407]	7.5	(4.1)	[82.64462]	18	(3.7)	[73.52941]	15
Magnesium	4600	(74)	[74.07407]	7500	(83)	[82.64462]	3100	(74)	[73.52941]	7300
Manganese	260	(0.74)	[74.07407]	410	(0.83)	[82.64462]	220	(0.74)	[73.52941]	430
Molybdenum	ND	(3.7)	[74.07407]	ND	(4.1)	[82.64462]	ND	(3.7)	[73.52941]	ND
Nickel	18	(1.5)	[74.07407]	28	(1.7)	[82.64462]	14	(1.5)	[73.52941]	27
Potassium	660	(220)	[74.07407]	1300	(250)	[82.64462]	500	(220)	[73.52941]	1100
Selenium	ND	(22)	[74.07407]	ND	(25)	[82.64462]	ND	(22)	[73.52941]	ND
Silver	ND	(0.74)	[74.07407]	ND	(0.83)	[82.64462]	ND	(0.74)	[73.52941]	ND
Sodium	210	(74)	[74.07407]	340	(83)	[82.64462]	160	(74)	[73.52941]	330
Thallium	ND	(7.4)	[74.07407]	ND	(8.3)	[82.64462]	ND	(7.4)	[73.52941]	ND
Vanadium	24	(1.5)	[74.07407]	39	(1.7)	[82.64462]	23	(1.5)	[73.52941]	39
Zinc	47	(1.5)	[74.07407]	68	(1.7)	[82.64462]	47	(1.5)	[73.52941]	67
SW7060 - Arsenic (mg/kg)										
Arsenic	7.1	(0.63)	[156.4688]	10	(0.66)	[165.7138]	4.1	(0.29)	[72.24180]	12
SW7421 - Lead (mg/kg)										
Lead	21	(2.3)	[782.3440]	10	(0.99)	[331.4276]	18	(2.2)	[722.4180]	9.1

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	01	01	01	04
	01-SS-08	01-SS-09	01-SS-10	04-MW-01
	01-SS-08-01	01-SS-09-01	01-SS-10-01	04-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6

SW7471 - Mercury (mg/kg)				
Mercury	ND	ND	ND	0.17
	(0.04) [223.2940]	(0.044) [246.9135]	(0.04) [224.5777]	(0.076) [424.4482]
SW7740 - Selenium (mg/kg)				
Selenium	ND	ND	ND	ND
	(0.39) [78.23440]	(0.41) [82.85690]	(0.36) [72.24180]	(0.7) [139.0433]
SW846 - Percent Moisture (%)				
Percent moisture	6.7	19	3.2	38
	() [1]	() [1]	() [1]	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
SW6010 - Metals (mg/kg)	Aluminum	16000	(25) [124.9999]	14000	(24) [120.4819]	13000	(29) [145.1378]	5400	(17) [83.33333]	
	Antimony	ND	(12) [124.9999]	ND	(12) [120.4819]	ND	(15) [145.1378]	ND	(8.3) [83.33333]	
	Arsenic	ND	(37) [124.9999]	ND	(36) [120.4819]	ND	(44) [145.1378]	ND	(25) [83.33333]	
	Barium	230	(1.2) [124.9999]	220	(1.2) [120.4819]	240	(1.5) [145.1378]	70	(0.83) [83.33333]	
	Beryllium	0.38	(0.25) [124.9999]	0.34	(0.24) [120.4819]	ND	(0.29) [145.1378]	ND	(0.17) [83.33333]	
	Cadmium	ND	(0.62) [124.9999]	ND	(0.6) [120.4819]	ND	(0.73) [145.1378]	ND	(0.42) [83.33333]	
	Calcium	11000	(120) [124.9999]	12000	(120) [120.4819]	15000	(150) [145.1378]	4300	(83) [83.33333]	
	Chromium	32	(1.2) [124.9999]	30	(1.2) [120.4819]	28	(1.5) [145.1378]	9.7	(0.83) [83.33333]	
	Cobalt	13	(1.2) [124.9999]	13	(1.2) [120.4819]	12	(1.5) [145.1378]	7	(0.83) [83.33333]	
	Copper	35	(2.5) [124.9999]	33	(2.4) [120.4819]	40	(2.9) [145.1378]	9.7	(1.7) [83.33333]	
	Iron	28000	(6.2) [124.9999]	26000	(6) [120.4819]	26000	(7.3) [145.1378]	11000	(4.2) [83.33333]	
	Lead	14	(6.2) [124.9999]	14	(6) [120.4819]	13	(7.3) [145.1378]	ND	(4.2) [83.33333]	
	Magnesium	8000	(120) [124.9999]	7800	(120) [120.4819]	8000	(150) [145.1378]	2600	(83) [83.33333]	
	Manganese	400	(1.2) [124.9999]	410	(1.2) [120.4819]	410	(1.5) [145.1378]	200	(0.83) [83.33333]	
	Molybdenum	ND	(6.2) [124.9999]	ND	(6) [120.4819]	ND	(7.3) [145.1378]	ND	(4.2) [83.33333]	
	Nickel	32	(2.5) [124.9999]	31	(2.4) [120.4819]	32	(2.9) [145.1378]	17	(1.7) [83.33333]	
	Potassium	1600	(370) [124.9999]	1300	(360) [120.4819]	1100	(440) [145.1378]	320	(250) [83.33333]	
	Selenium	ND	(37) [124.9999]	ND	(36) [120.4819]	ND	(44) [145.1378]	ND	(25) [83.33333]	
	Silver	ND	(1.2) [124.9999]	ND	(1.2) [120.4819]	ND	(1.5) [145.1378]	ND	(0.83) [83.33333]	
	Sodium	500	(120) [124.9999]	410	(120) [120.4819]	380	(150) [145.1378]	ND	(83) [83.33333]	
SW7060 - Arsenic (mg/kg)	Thallium	ND	(12) [124.9999]	ND	(12) [120.4819]	ND	(15) [145.1378]	ND	(8.3) [83.33333]	
	Vanadium	54	(2.5) [124.9999]	47	(2.4) [120.4819]	44	(2.9) [145.1378]	20	(1.7) [83.33333]	
	Zinc	87	(2.5) [124.9999]	81	(2.4) [120.4819]	92	(2.9) [145.1378]	27	(1.7) [83.33333]	
	SW7060 - Arsenic (mg/kg)	14	(0.91) [227.8682]	12	(0.94) [235.2941]	11	(0.74) [185.0652]	4.2	(0.34) [85.02822]	
	Arsenic									
	SW7421 - Lead (mg/kg)	8.8	(0.68) [227.8682]	8.2	(0.71) [235.2941]	10	(1.1) [366.7033]	2.7 B	(0.26) [85.02822]	
	Lead									

Compiled: 21 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-SD-01
	04-MW-02-02	04-MW-03-02	04-MW-04-02	04-SD-01-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.16	(0.067) [373.1343]	0.15	(0.058) [319.6930]
			0.26	(0.11) [617.2839]
SW7740 - Selenium (mg/kg)				0.076 B
Selenium	ND	(0.57) [113.9341]	ND	(0.92) [183.3516]
SW846 - Percent Moisture (%)				ND
Percent moisture	33	() [1]	32	() [1]
			47	() [1]
				3.6
				() [1]
				(0.43) [85.02822]
				(0.039) [216.1134]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		04		04	
	04-SD-02	04-SD-02-01	04-SD-02	04-SD-02 Dup of 04-SD-02-01	04-SD-02	04-SD-02-01	04-SD-02	04-SD-02	04-SD-03	04-SD-04
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)										
Aluminum	12000	(22) [112.3595]	12000	(19) [95.23809]	12000	(23) [114.9425]	14000	(26) [129.8701]		
Antimony	ND	(11) [112.3595]	ND	(9.5) [95.23809]	ND	(11) [114.9425]	ND	(13) [129.8701]		
Arsenic	ND	(34) [112.3595]	ND	(29) [95.23809]	ND	(34) [114.9425]	ND	(39) [129.8701]		
Barium	180	(1.1) [112.3595]	180	(0.95) [95.23809]	190	(1.1) [114.9425]	220	(1.3) [129.8701]		
Beryllium	0.26	(0.22) [112.3595]	0.26	(0.19) [95.23809]	0.3	(0.23) [114.9425]	0.35	(0.26) [129.8701]		
Cadmium	ND	(0.56) [112.3595]	ND	(0.48) [95.23809]	ND	(0.57) [114.9425]	ND	(0.65) [129.8701]		
Calcium	15000	(110) [112.3595]	16000	(95) [95.23809]	15000	(110) [114.9425]	13000	(130) [129.8701]		
Chromium	25	(1.1) [112.3595]	25	(0.95) [95.23809]	25	(1.1) [114.9425]	30	(1.3) [129.8701]		
Cobalt	12	(1.1) [112.3595]	11	(0.95) [95.23809]	12	(1.1) [114.9425]	13	(1.3) [129.8701]		
Copper	26	(2.2) [112.3595]	26	(1.9) [95.23809]	27	(2.3) [114.9425]	31	(2.6) [129.8701]		
Iron	23000	(5.6) [112.3595]	22000	(4.8) [95.23809]	23000	(5.7) [114.9425]	26000	(6.5) [129.8701]		
Lead	6.8	(5.6) [112.3595]	ND	(4.8) [95.23809]	8.5	(5.7) [114.9425]	7.8	(6.5) [129.8701]		
Magnesium	7500	(110) [112.3595]	7900	(95) [95.23809]	7500	(110) [114.9425]	7900	(130) [129.8701]		
Manganese	390	(1.1) [112.3595]	350	(0.95) [95.23809]	430	(1.1) [114.9425]	470	(1.3) [129.8701]		
Molybdenum	ND	(5.6) [112.3595]	ND	(4.8) [95.23809]	ND	(5.7) [114.9425]	ND	(6.5) [129.8701]		
Nickel	27	(2.2) [112.3595]	27	(1.9) [95.23809]	29	(2.3) [114.9425]	32	(2.6) [129.8701]		
Potassium	990	(340) [112.3595]	980	(290) [95.23809]	1200	(340) [114.9425]	1600	(390) [129.8701]		
Selenium	ND	(34) [112.3595]	ND	(29) [95.23809]	ND	(34) [114.9425]	ND	(39) [129.8701]		
Silver	ND	(1.1) [112.3595]	ND	(0.95) [95.23809]	ND	(1.1) [114.9425]	ND	(1.3) [129.8701]		
Sodium	430	(110) [112.3595]	460	(95) [95.23809]	410	(110) [114.9425]	450	(130) [129.8701]		
Thallium	ND	(11) [112.3595]	ND	(9.5) [95.23809]	ND	(11) [114.9425]	ND	(13) [129.8701]		
Vanadium	42	(2.2) [112.3595]	43	(1.9) [95.23809]	42	(2.3) [114.9425]	48	(2.6) [129.8701]		
Zinc	62	(2.2) [112.3595]	64	(1.9) [95.23809]	71	(2.3) [114.9425]	79	(2.6) [129.8701]		
SW7060 - Arsenic (mg/kg)										
Arsenic	11	(0.79) [198.275]	12	(0.8) [200.5012]	12	(1) [250.4382]	13	(1.1) [268.8172]		
SW7421 - Lead (mg/kg)										
Lead	5.9	(0.3) [99.13750]	7.1	(0.6) [200.5012]	7.8	(0.75) [250.4382]	9.6	(0.81) [268.8172]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
SW7471 - Mercury (mg/kg)	04-SD-02	04-SD-02	04-SD-03	04-SD-04
Mercury	04-SD-02-01	04-DS-01 Dup of 04-SD-02-01	04-SD-03-01	04-SD-04-01
SW7740 - Selenium (mg/kg)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Selenium	0.13 (0.049) [270.5627]	0.14 (0.063) [350.8771]	0.16 (0.072) [398.7240]	0.16 (0.058) [322.5806]
SW846 - Percent Moisture (%)	ND (0.5) [99.13750]	ND (0.5) [100.2506]	ND (0.63) [125.2191]	ND (0.67) [134.4086]
Percent moisture	23 () [1]	25 () [1]	34 () [1]	38 () [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	04		04		04	
	04-SS-01 04-SS-01-01 0 - 0.5		04-SS-01 Dup of 04-SS-01-01 0 - 0.5		04-SS-02 04-SS-02-01 0 - 0.5	

SW6010 - Metals (mg/kg)						
Aluminum	13000	(29) [147.0588]	NA	14000	(28) [138.8888]	14000
Antimony	ND	(15) [147.0588]	NA	ND	(14) [138.8888]	ND
Arsenic	ND	(44) [147.0588]	NA	ND	(42) [138.8888]	ND
Barium	210	(1.5) [147.0588]	NA	250	(1.4) [138.8888]	190
Beryllium	0.3	(0.29) [147.0588]	NA	0.36	(0.28) [138.8888]	0.31
Cadmium	ND	(0.74) [147.0588]	NA	ND	(0.69) [138.8888]	ND
Calcium	13000	(150) [147.0588]	NA	15000	(140) [138.8888]	11000
Chromium	27	(1.5) [147.0588]	NA	30	(1.4) [138.8888]	29
Cobalt	12	(1.5) [147.0588]	NA	14	(1.4) [138.8888]	13
Copper	37	(2.9) [147.0588]	NA	36	(2.8) [138.8888]	33
Iron	24000	(7.4) [147.0588]	NA	27000	(6.9) [138.8888]	25000
Lead	7.7	(7.4) [147.0588]	NA	8.4	(6.9) [138.8888]	9.5
Magnesium	7500	(150) [147.0588]	NA	8700	(140) [138.8888]	8100
Manganese	440	(1.5) [147.0588]	NA	540	(1.4) [138.8888]	370
Molybdenum	ND	(7.4) [147.0588]	NA	ND	(6.9) [138.8888]	ND
Nickel	31	(2.9) [147.0588]	NA	34	(2.8) [138.8888]	32
Potassium	1200	(440) [147.0588]	NA	1100	(420) [138.8888]	1100
Selenium	ND	(44) [147.0588]	NA	ND	(42) [138.8888]	ND
Silver	ND	(1.5) [147.0588]	NA	ND	(1.4) [138.8888]	ND
Sodium	410	(150) [147.0588]	NA	470	(140) [138.8888]	440
Thallium	ND	(15) [147.0588]	NA	ND	(14) [138.8888]	ND
Vanadium	42	(2.9) [147.0588]	NA	48	(2.8) [138.8888]	47
Zinc	82	(2.9) [147.0588]	NA	74	(2.8) [138.8888]	80
SW7060 - Arsenic (mg/kg)						
Arsenic	12	(1.2) [297.6190]	NA	15	(1) [260.1456]	13
SW7421 - Lead (mg/kg)						
Lead	11	(0.89) [297.6190]	NA	9.2	(0.78) [260.1456]	8.4

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-SS-01	04-SS-01	04-SS-02	04-SS-03
	04-SS-01-01	04-DS-02 Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.2	(0.085) [469.9248]	NA	0.18
SW7740 - Selenium (mg/kg)				(0.082) [455.3734]
Selenium	ND	(0.74) [148.8095]	NA	ND
SW846 - Percent Moisture (%)				(0.59) [117.9384]
Percent moisture	44	() [1]	41	38
			() [1]	() [1]
			39	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	05				05				05			
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
BEG. DEPTH - END DEPTH (FT.)												

05-MW-01 05-MW-01-02 0 - 0.5												
05-MW-02 05-MW-02-02 7 - 9												
05-MW-03 05-MW-03-02 8 - 12												
05-MW-03 05-MW-03-02 8 - 12												
05-MW-03 05-MW-03-02 8 - 12												

SW6010 - Metals (mg/kg)												
Aluminum	12000	(19)	[97]	8800	(17)	[83.33333]	8300	(19)	[92.59258]	7500	(17)	[85.47008]
Antimony	ND	(9.7)	[97]	ND	(8.3)	[83.33333]	ND	(9.3)	[92.59258]	ND	(8.5)	[85.47008]
Arsenic	ND	(29)	[97]	ND	(25)	[83.33333]	ND	(28)	[92.59258]	ND	(26)	[85.47008]
Barium	210	(0.97)	[97]	150	(0.83)	[83.33333]	150	(0.93)	[92.59258]	140	(0.85)	[85.47008]
Beryllium	0.24	(0.19)	[97]	0.19	(0.17)	[83.33333]	ND	(0.19)	[92.59258]	ND	(0.17)	[85.47008]
Cadmium	ND	(0.48)	[97]	ND	(0.42)	[83.33333]	ND	(0.46)	[92.59258]	ND	(0.43)	[85.47008]
Calcium	16000	(97)	[97]	9700	(83)	[83.33333]	13000	(93)	[92.59258]	12000	(85)	[85.47008]
Chromium	25	(0.97)	[97]	17	(0.83)	[83.33333]	18	(0.93)	[92.59258]	16	(0.85)	[85.47008]
Cobalt	10	(0.97)	[97]	8	(0.83)	[83.33333]	8.3	(0.93)	[92.59258]	7.7	(0.85)	[85.47008]
Copper	30	(1.9)	[97]	22	(1.7)	[83.33333]	36	(1.9)	[92.59258]	33	(1.7)	[85.47008]
Iron	24000	(4.8)	[97]	15000	(4.2)	[83.33333]	18000	(4.6)	[92.59258]	17000	(4.3)	[85.47008]
Lead	6.6	(4.8)	[97]	10	(4.2)	[83.33333]	ND	(4.6)	[92.59258]	5.3	(4.3)	[85.47008]
Magnesium	8400	(97)	[97]	4900	(83)	[83.33333]	6100	(93)	[92.59258]	5700	(85)	[85.47008]
Manganese	440	(0.97)	[97]	270	(0.83)	[83.33333]	290	(0.93)	[92.59258]	300	(0.85)	[85.47008]
Molybdenum	ND	(4.8)	[97]	ND	(4.2)	[83.33333]	ND	(4.6)	[92.59258]	ND	(4.3)	[85.47008]
Nickel	30	(1.9)	[97]	19	(1.7)	[83.33333]	22	(1.9)	[92.59258]	24	(1.7)	[85.47008]
Potassium	1100	(290)	[97]	1100	(250)	[83.33333]	690	(280)	[92.59258]	590	(260)	[85.47008]
Selenium	ND	(29)	[97]	ND	(25)	[83.33333]	ND	(28)	[92.59258]	40	(26)	[85.47008]
Silver	ND	(0.97)	[97]	ND	(0.83)	[83.33333]	ND	(0.93)	[92.59258]	ND	(0.85)	[85.47008]
Sodium	440	(97)	[97]	280	(83)	[83.33333]	310	(93)	[92.59258]	270	(85)	[85.47008]
Thallium	ND	(9.7)	[97]	ND	(8.3)	[83.33333]	ND	(9.3)	[92.59258]	ND	(8.5)	[85.47008]
Vanadium	45	(1.9)	[97]	33	(1.7)	[83.33333]	37	(1.9)	[92.59258]	34	(1.7)	[85.47008]
Zinc	72	(1.9)	[97]	47	(1.7)	[83.33333]	54	(1.9)	[92.59258]	51	(1.7)	[85.47008]
SW7060 - Arsenic (mg/kg)												
Arsenic	12	(0.77)	[192.7896]	6.4	(0.66)	[163.7733]	8.1	(0.69)	[171.4677]	6.8	(0.71)	[176.3668]
SW7421 - Lead (mg/kg)												
Lead	6.8	(0.58)	[192.7896]	6.9	(0.49)	[163.7733]	6.2	(0.51)	[171.4677]	3.9	(0.26)	[88.18342]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05
	05-MW-01	05-MW-02	05-MW-03	05-MW-03	05-MW-03	05-MW-03
	05-MW-01-02	05-MW-02-02	05-MW-03-02	05-MW-03-02	05-MW-03-02	05-MW-03-02
	0 - 0.5	7 - 9	8 - 12	8 - 12	8 - 12	8 - 12
SW7471 - Mercury (mg/kg)						
Mercury	ND	(0.058) [320.5128]	ND	(0.065) [363.3720]	ND	(0.053) [293.9447]
SW7740 - Selenium (mg/kg)						
Selenium	ND	(0.48) [96.39483]	ND	(0.41) [81.88666]	ND	(0.43) [85.73388]
SW846 - Percent Moisture (%)						
Percent moisture	22	() [1]	14	() [1]	19	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	05		05		05		05		05	
	05-MW-04		05-MW-05		05-MW-06		05-SB-01		05-SB-01	
	05-MW-04-02		05-MW-05-02		05-MW-06-02		05-SB-01-01		05-SB-01-01	
	8 - 10		5 - 7		7 - 9		2 - 4		2 - 4	
SW6010 - Metals (mg/kg)										
Aluminum	10000	(18)	[89.28571]	13000	(21)	[103.0927]	6000	(16)	[81.96721]	11000
Antimony	ND	(8.9)	[89.28571]	ND	(10)	[103.0927]	ND	(8.2)	[81.96721]	ND
Arsenic	ND	(27)	[89.28571]	ND	(31)	[103.0927]	ND	(25)	[81.96721]	ND
Barium	200	(0.89)	[89.28571]	260	(1)	[103.0927]	110	(0.82)	[81.96721]	180
Beryllium	0.21	(0.18)	[89.28571]	0.49	(0.21)	[103.0927]	0.19	(0.16)	[81.96721]	0.21
Cadmium	ND	(0.45)	[89.28571]	0.85	(0.52)	[103.0927]	0.67	(0.41)	[81.96721]	ND
Calcium	15000	(89)	[89.28571]	15000	(100)	[103.0927]	6700	(82)	[81.96721]	15000
Chromium	22	(0.89)	[89.28571]	29	(1)	[103.0927]	12	(0.82)	[81.96721]	23
Cobalt	11	(0.89)	[89.28571]	12	(1)	[103.0927]	6.1	(0.82)	[81.96721]	10
Copper	26	(1.8)	[89.28571]	37	(2.1)	[103.0927]	16	(1.6)	[81.96721]	29
Iron	23000	(4.5)	[89.28571]	26000	(5.2)	[103.0927]	13000	(4.1)	[81.96721]	22000
Lead	26	(4.5)	[89.28571]	15	(5.2)	[103.0927]	8.3	(4.1)	[81.96721]	17
Magnesium	7500	(89)	[89.28571]	9000	(100)	[103.0927]	4100	(82)	[81.96721]	7800
Manganese	430	(0.89)	[89.28571]	460	(1)	[103.0927]	240	(0.82)	[81.96721]	650
Molybdenum	ND	(4.5)	[89.28571]	ND	(5.2)	[103.0927]	ND	(4.1)	[81.96721]	ND
Nickel	27	(1.8)	[89.28571]	34	(2.1)	[103.0927]	17	(1.6)	[81.96721]	28
Potassium	980	(270)	[89.28571]	1400	(310)	[103.0927]	520	(250)	[81.96721]	930
Selenium	ND	(27)	[89.28571]	ND	(31)	[103.0927]	ND	(25)	[81.96721]	ND
Silver	ND	(0.89)	[89.28571]	1.6	(1)	[103.0927]	0.85	(0.82)	[81.96721]	ND
Sodium	290	(89)	[89.28571]	450	(100)	[103.0927]	200	(82)	[81.96721]	350
Thallium	ND	(8.9)	[89.28571]	ND	(10)	[103.0927]	ND	(8.2)	[81.96721]	ND
Vanadium	38	(1.8)	[89.28571]	40	(2.1)	[103.0927]	19	(1.6)	[81.96721]	41
Zinc	68	(1.8)	[89.28571]	97	(2.1)	[103.0927]	38	(1.6)	[81.96721]	66
SW7060 - Arsenic (mg/kg)										
Arsenic	8.8	(0.7)	[176.1804]	8.7	(0.82)	[203.7697]	6.2	(0.64)	[159.2990]	8.8
SW7421 - Lead (mg/kg)										
Lead	24	(1.3)	[427.3504]	12	(1.2)	[394.4773]	5.4	(0.48)	[159.2990]	17

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)							
	LOCATION ID		SAMPLE ID									
SW7471 - Mercury (mg/kg)	0.12	(0.052)	[291.3752]	0.11	(0.058)	[320.5128]	0.068 B	(0.056)	[308.6419]	0.11	(0.054)	[297.6190]
SW7740 - Selenium (mg/kg)	ND	(0.53)	[106.8376]	1.1	(0.51)	[101.8848]	ND	(0.4)	[79.64954]	ND	(0.4)	[80.98477]
SW846 - Percent Moisture (%)	22	()	[1]	35	()	[1]	19	()	[1]	16	()	[1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				BEG. DEPTH - END DEPTH (FT.)							
	SAMPLE ID											
	05	05	05	05	05	05	05	05	05	05	05	05
	05-SB-01	05-SB-01	05-SB-01	05-SB-01	05-SB-01-02	05-SB-01-03	05-SB-02	05-SB-02-01	05-SB-02	05-SB-02-02		
	5 - 7	8 - 10	2 - 4	5 - 7								

SW6010 - Metals (mg/kg)												
Aluminum	11000	(19)	[96]	9100	(20)	[100]	10000	(18)	[88.49557]	13000	(18)	[90.90908]
Antimony	ND	(9.6)	[96]	ND	(10)	[100]	ND	(8.8)	[88.49557]	ND	(9.1)	[90.90908]
Arsenic	ND	(29)	[96]	ND	(30)	[100]	ND	(27)	[88.49557]	ND	(27)	[90.90908]
Barium	180	(0.96)	[96]	200	(1)	[100]	160	(0.88)	[88.49557]	270	(0.91)	[90.90908]
Beryllium	0.2	(0.19)	[96]	ND	(0.2)	[100]	0.18	(0.18)	[88.49557]	0.33	(0.18)	[90.90908]
Cadmium	ND	(0.48)	[96]	ND	(0.5)	[100]	ND	(0.44)	[88.49557]	ND	(0.45)	[90.90908]
Calcium	14000	(96)	[96]	20000	(100)	[100]	13000	(88)	[88.49557]	18000	(91)	[90.90908]
Chromium	23	(0.96)	[96]	19	(1)	[100]	21	(0.88)	[88.49557]	28	(0.91)	[90.90908]
Cobalt	10	(0.96)	[96]	8.5	(1)	[100]	8.9	(0.88)	[88.49557]	12	(0.91)	[90.90908]
Copper	31	(1.9)	[96]	20	(2)	[100]	33	(1.8)	[88.49557]	36	(1.8)	[90.90908]
Iron	22000	(4.8)	[96]	21000	(5)	[100]	21000	(4.4)	[88.49557]	27000	(4.5)	[90.90908]
Lead	7.2	(4.8)	[96]	ND	(5)	[100]	21	(4.4)	[88.49557]	7.1	(4.5)	[90.90908]
Magnesium	7500	(96)	[96]	7700	(100)	[100]	7000	(88)	[88.49557]	8900	(91)	[90.90908]
Manganese	430	(0.96)	[96]	430	(1)	[100]	400	(0.88)	[88.49557]	600	(0.91)	[90.90908]
Molybdenum	ND	(4.8)	[96]	ND	(5)	[100]	ND	(4.4)	[88.49557]	ND	(4.5)	[90.90908]
Nickel	29	(1.9)	[96]	25	(2)	[100]	28	(1.8)	[88.49557]	36	(1.8)	[90.90908]
Potassium	920	(290)	[96]	710	(300)	[100]	850	(270)	[88.49557]	1200	(270)	[90.90908]
Selenium	ND	(29)	[96]	38	(30)	[100]	ND	(27)	[88.49557]	ND	(27)	[90.90908]
Silver	ND	(0.96)	[96]	ND	(1)	[100]	ND	(0.88)	[88.49557]	ND	(0.91)	[90.90908]
Sodium	360	(96)	[96]	370	(100)	[100]	340	(88)	[88.49557]	390	(91)	[90.90908]
Thallium	ND	(9.6)	[96]	ND	(10)	[100]	ND	(8.8)	[88.49557]	ND	(9.1)	[90.90908]
Vanadium	39	(1.9)	[96]	40	(2)	[100]	38	(1.8)	[88.49557]	47	(1.8)	[90.90908]
Zinc	69	(1.9)	[96]	53	(2)	[100]	64	(1.8)	[88.49557]	92	(1.8)	[90.90908]
SW7060 - Arsenic (mg/kg)												
Arsenic	11	(0.78)	[193.8360]	9.5	(0.8)	[200.2002]	5.2	(0.35)	[86.26639]	11	(0.72)	[179.1312]
SW7421 - Lead (mg/kg)												
Lead	12	(1.2)	[387.6720]	6.9	(0.6)	[200.2002]	19	(1)	[345.0655]	12	(1.1)	[358.2624]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05		05		05		05	
	05-SB-01 05-SB-01-02 5 - 7		05-SB-01 05-SB-01-03 8 - 10		05-SB-02 05-SB-02-01 2 - 4		05-SB-02 05-SB-02-02 5 - 7	
SW7471 - Mercury (mg/kg)	0.094 B	(0.058) [324.6753]	0.099 B	(0.064) [355.6187]	0.061 B	(0.051) [283.4467]	ND	(0.051) [282.3263]
Mercury	ND	(0.48) [96.91800]	ND	(0.5) [100.1001]	ND	(0.43) [86.26639]	ND	(0.45) [89.56560]
SW7740 - Selenium (mg/kg)	23	() [1]	26	() [1]	16	() [1]	23	() [1]
Selenium								
SW846 - Percent Moisture (%)								
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	05	05	05	05	05	05	05	05	05	05	05	05
	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02	05-SB-02
	05-SB-02-03	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04	05-SB-02-04
	8 - 10	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
SW7471 - Mercury (mg/kg)	0.052 B	(0.052)	[287.6869]	ND	(0.041)	[229.8850]	0.071 B	(0.068)	[375.3753]	ND	(0.066)	[365.4970]
Mercury												
SW7740 - Selenium (mg/kg)												
Selenium	ND	(0.49)	[98.12579]	ND	(0.4)	[79.27070]	ND	(0.52)	[103.1565]	ND	(0.46)	[92.01324]
SW846 - Percent Moisture (%)												
Percent moisture	21	()	[1]	13	()	[1]	26	()	[1]	24	()	[1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	05				05				05			
	05-SB-03				05-SD-01				05-SD-02			
	05-SB-03-02				05-SD-01-01				05-SD-02-01			
	7 - 9				0 - 0.5				0 - 0.5			

SW6010 - Metals (mg/kg)												
Aluminum	4700	(14)	[69.93007]	6100	(15)	[75.18796]	7100	(15)	[76.33588]	14000	(18)	[90.09008]
Antimony	ND	(7)	[69.93007]	ND	(7.5)	[75.18796]	ND	(7.6)	[76.33588]	ND	(9)	[90.09008]
Arsenic	ND	(21)	[69.93007]	ND	(23)	[75.18796]	ND	(23)	[76.33588]	ND	(27)	[90.09008]
Barium	63	(0.7)	[69.93007]	100	(0.75)	[75.18796]	100	(0.76)	[76.33588]	220	(0.9)	[90.09008]
Beryllium	ND	(0.14)	[69.93007]	0.2	(0.15)	[75.18796]	0.28	(0.15)	[76.33588]	0.39	(0.18)	[90.09008]
Cadmium	ND	(0.35)	[69.93007]	ND	(0.38)	[75.18796]	0.46	(0.38)	[76.33588]	0.5	(0.45)	[90.09008]
Calcium	2700	(70)	[69.93007]	6400	(75)	[75.18796]	6900	(76)	[76.33588]	9600	(90)	[90.09008]
Chromium	10	(0.7)	[69.93007]	13	(0.75)	[75.18796]	15	(0.76)	[76.33588]	30	(0.9)	[90.09008]
Cobalt	5	(0.7)	[69.93007]	5.9	(0.75)	[75.18796]	6.8	(0.76)	[76.33588]	13	(0.9)	[90.09008]
Copper	12	(1.4)	[69.93007]	14	(1.5)	[75.18796]	17	(1.5)	[76.33588]	28	(1.8)	[90.09008]
Iron	9200	(3.5)	[69.93007]	13000	(3.8)	[75.18796]	15000	(3.8)	[76.33588]	26000	(4.5)	[90.09008]
Lead	6.4	(3.5)	[69.93007]	6.3	(3.8)	[75.18796]	9.9	(3.8)	[76.33588]	14	(4.5)	[90.09008]
Magnesium	2700	(70)	[69.93007]	4000	(75)	[75.18796]	4500	(76)	[76.33588]	8200	(90)	[90.09008]
Manganese	140	(0.7)	[69.93007]	230	(0.75)	[75.18796]	260	(0.76)	[76.33588]	380	(0.9)	[90.09008]
Molybdenum	ND	(3.5)	[69.93007]	ND	(3.8)	[75.18796]	ND	(3.8)	[76.33588]	ND	(4.5)	[90.09008]
Nickel	14	(1.4)	[69.93007]	16	(1.5)	[75.18796]	19	(1.5)	[76.33588]	32	(1.8)	[90.09008]
Potassium	340	(210)	[69.93007]	580	(230)	[75.18796]	650	(230)	[76.33588]	1600	(270)	[90.09008]
Selenium	ND	(21)	[69.93007]	ND	(23)	[75.18796]	ND	(23)	[76.33588]	ND	(27)	[90.09008]
Silver	ND	(0.7)	[69.93007]	0.87	(0.75)	[75.18796]	ND	(0.76)	[76.33588]	ND	(0.9)	[90.09008]
Sodium	120	(70)	[69.93007]	180	(75)	[75.18796]	210	(76)	[76.33588]	430	(90)	[90.09008]
Thallium	ND	(7)	[69.93007]	ND	(7.5)	[75.18796]	ND	(7.6)	[76.33588]	ND	(9)	[90.09008]
Vanadium	21	(1.4)	[69.93007]	20	(1.5)	[75.18796]	24	(1.5)	[76.33588]	50	(1.8)	[90.09008]
Zinc	24	(1.4)	[69.93007]	43	(1.5)	[75.18796]	46	(1.5)	[76.33588]	89	(1.8)	[90.09008]
SW7060 - Arsenic (mg/kg)												
Arsenic	6.8	(0.57)	[143.6781]	7.1	(0.61)	[152.1236]	6.5	(0.56)	[140.1148]	9.6	(0.84)	[210.0840]
SW7421 - Lead (mg/kg)												
Lead	5.6	(0.43)	[143.6781]	9.2	(0.91)	[304.2472]	8.2	(0.84)	[280.2297]	13	(1.3)	[420.1680]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID						
	SAMPLE ID						
	BEG. DEPTH - END DEPTH (FT.)						
	05	05	05	05	05	05	05
	05-SB-03	05-SD-01	05-SD-01	05-SD-01	05-SD-02	05-SD-02	05-SD-02
	05-SB-03-02	05-SD-01-01	05-DS-04 Dup of 05-SD-01-01	05-SD-02-01	05-SD-02-01	05-SD-02-01	05-SD-02-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7471 - Mercury (mg/kg)							
Mercury	ND	(0.045) [248.0158]	0.06 B	(0.047) [260.7833]	ND	(0.052) [287.6042]	0.08 B (0.048) [268.3843]
SW7740 - Selenium (mg/kg)							
Selenium	ND	(0.37) [73.87706]	0.5	(0.38) [76.06182]	0.43	(0.35) [70.05744]	0.84 (0.53) [105.0420]
SW846 - Percent Moisture (%)	4	() [1]	8.7	() [1]	8.5	() [1]	30 () [1]
Percent moisture							

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05	05	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04	05-SS-01	05-SS-04
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)						
Aluminum	13000	(17) [84.0336]	12000	(18) [91.74311]	13000	(19) [95.23809]
Antimony	ND	(8.4) [84.0336]	ND	(9.2) [91.74311]	ND	(9.5) [95.23809]
Arsenic	78	(25) [84.0336]	ND	(28) [91.74311]	ND	(29) [95.23809]
Barium	190	(0.84) [84.0336]	180	(0.92) [91.74311]	220	(0.95) [95.23809]
Beryllium	0.26	(0.17) [84.0336]	0.24	(0.18) [91.74311]	0.27	(0.19) [95.23809]
Cadmium	0.51	(0.42) [84.0336]	0.46	(0.46) [91.74311]	0.88	(0.48) [95.23809]
Calcium	14000	(84) [84.0336]	14000	(92) [91.74311]	14000	(95) [95.23809]
Chromium	26	(0.84) [84.0336]	24	(0.92) [91.74311]	28	(0.95) [95.23809]
Cobalt	12	(0.84) [84.0336]	11	(0.92) [91.74311]	13	(0.95) [95.23809]
Copper	25	(1.7) [84.0336]	23	(1.8) [91.74311]	31	(1.9) [95.23809]
Iron	24000	(4.2) [84.0336]	22000	(4.6) [91.74311]	26000	(4.8) [95.23809]
Lead	380	(4.2) [84.0336]	15	(4.6) [91.74311]	20	(4.8) [95.23809]
Magnesium	7700	(84) [84.0336]	7100	(92) [91.74311]	8200	(95) [95.23809]
Manganese	400	(0.84) [84.0336]	380	(0.92) [91.74311]	510	(0.95) [95.23809]
Molybdenum	ND	(4.2) [84.0336]	ND	(4.6) [91.74311]	ND	(4.8) [95.23809]
Nickel	26	(1.7) [84.0336]	25	(1.8) [91.74311]	32	(1.9) [95.23809]
Potassium	1500	(250) [84.0336]	1500	(280) [91.74311]	1600	(290) [95.23809]
Selenium	ND	(25) [84.0336]	ND	(28) [91.74311]	ND	(29) [95.23809]
Silver	ND	(0.84) [84.0336]	ND	(0.92) [91.74311]	ND	(0.95) [95.23809]
Sodium	480	(84) [84.0336]	390	(92) [91.74311]	420	(95) [95.23809]
Thallium	ND	(8.4) [84.0336]	ND	(9.2) [91.74311]	ND	(9.5) [95.23809]
Vanadium	48	(1.7) [84.0336]	43	(1.8) [91.74311]	47	(1.9) [95.23809]
Zinc	76	(1.7) [84.0336]	65	(1.8) [91.74311]	85	(1.9) [95.23809]
SW7060 - Arsenic (mg/kg)						
Arsenic	71	(7.2) [1796.138]	5.6	(0.39) [97.21007]	12	(0.74) [184.0264]
SW7421 - Lead (mg/kg)						
Lead	480	(27) [8980.691]	9.3	(1.2) [388.8402]	15	(1.1) [368.0529]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04
	05-SS-01-01	05-SS-02-01	05-SS-03-01	05-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.077 B	(0.066) [367.6470]	0.066 B	(0.046) [257.2016]
			0.1 B	(0.059) [328.9473]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.45) [89.80691]	ND	(0.46) [92.01324]
SW846 - Percent Moisture (%)				
Percent moisture	15	() [1]	19	() [1]
			24	() [1]
			31	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID					SAMPLE ID				
	BEG. DEPTH - END DEPTH (FT.)									
	05		05		05		05		05	
	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-05	05-SS-06	05-SS-07	05-SS-08	05-SS-05	05-SS-06
0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		

SW6010 - Metals (mg/kg)										
Aluminum	5900	(17) [82.64462]	9400	(16) [80.64516]	6200	(16) [77.51938]	5800	(14) [71.94244]		
Antimony	ND	(8.3) [82.64462]	ND	(8.1) [80.64516]	ND	(7.8) [77.51938]	ND	(7.2) [71.94244]		
Arsenic	ND	(25) [82.64462]	ND	(24) [80.64516]	ND	(23) [77.51938]	ND	(22) [71.94244]		
Barium	81	(0.83) [82.64462]	150	(0.81) [80.64516]	100	(0.78) [77.51938]	98	(0.72) [71.94244]		
Beryllium	0.23	(0.17) [82.64462]	0.18	(0.16) [80.64516]	0.23	(0.16) [77.51938]	0.24	(0.14) [71.94244]		
Cadmium	ND	(0.41) [82.64462]	ND	(0.4) [80.64516]	0.53	(0.39) [77.51938]	0.46	(0.36) [71.94244]		
Calcium	2900	(83) [82.64462]	8900	(81) [80.64516]	5000	(78) [77.51938]	6300	(72) [71.94244]		
Chromium	13	(0.83) [82.64462]	19	(0.81) [80.64516]	14	(0.78) [77.51938]	12	(0.72) [71.94244]		
Cobalt	6.4	(0.83) [82.64462]	8.9	(0.81) [80.64516]	6.5	(0.78) [77.51938]	5.6	(0.72) [71.94244]		
Copper	9.6	(1.7) [82.64462]	14	(1.6) [80.64516]	14	(1.6) [77.51938]	12	(1.4) [71.94244]		
Iron	12000	(4.1) [82.64462]	17000	(4) [80.64516]	13000	(3.9) [77.51938]	12000	(3.6) [71.94244]		
Lead	38	(4.1) [82.64462]	11	(4) [80.64516]	26	(3.9) [77.51938]	6.8	(3.6) [71.94244]		
Magnesium	3300	(83) [82.64462]	5400	(81) [80.64516]	3900	(78) [77.51938]	3900	(72) [71.94244]		
Manganese	170	(0.83) [82.64462]	320	(0.81) [80.64516]	210	(0.78) [77.51938]	280	(0.72) [71.94244]		
Molybdenum	ND	(4.1) [82.64462]	ND	(4) [80.64516]	ND	(3.9) [77.51938]	ND	(3.6) [71.94244]		
Nickel	17	(1.7) [82.64462]	21	(1.6) [80.64516]	17	(1.6) [77.51938]	16	(1.4) [71.94244]		
Potassium	430	(250) [82.64462]	1100	(240) [80.64516]	530	(230) [77.51938]	530	(220) [71.94244]		
Selenium	ND	(25) [82.64462]	ND	(24) [80.64516]	ND	(23) [77.51938]	ND	(22) [71.94244]		
Silver	ND	(0.83) [82.64462]	ND	(0.81) [80.64516]	1	(0.78) [77.51938]	1.1	(0.72) [71.94244]		
Sodium	140	(83) [82.64462]	360	(81) [80.64516]	190	(78) [77.51938]	420	(72) [71.94244]		
Thallium	ND	(8.3) [82.64462]	ND	(8.1) [80.64516]	ND	(7.8) [77.51938]	ND	(7.2) [71.94244]		
Vanadium	19	(1.7) [82.64462]	36	(1.6) [80.64516]	21	(1.6) [77.51938]	18	(1.4) [71.94244]		
Zinc	35	(1.7) [82.64462]	46	(1.6) [80.64516]	41	(1.6) [77.51938]	36	(1.4) [71.94244]		
SW7060 - Arsenic (mg/kg)										
Arsenic	4.5	(0.34) [84.10428]	7.4	(0.6) [150.8181]	6.3	(0.59) [148.3129]	6.1	(0.57) [142.7144]		
SW7421 - Lead (mg/kg)										
Lead	25	(2.5) [841.0428]	5.4	(0.45) [150.8181]	25	(2.2) [741.5647]	6.3	(0.86) [285.4288]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID						
	SAMPLE ID						
	BEG. DEPTH - END DEPTH (FT.)						
	05	05	05	05	05	05	05
	05-SS-05	05-SS-06	05-SS-07	05-SS-08			
	05-SS-05-01	05-SS-06-01	05-SS-07-01	05-SS-08-01			
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5			
SW7471 - Mercury (mg/kg)							
Mercury	0.071 B	(0.058) [320.9242]	0.21	(0.063) [351.1235]	0.073 B	(0.044) [244.3792]	0.062 B (0.04) [221.8278]
SW7740 - Selenium (mg/kg)							
Selenium	ND	(0.42) [84.10428]	ND	(0.38) [75.40909]	ND	(0.37) [74.15647]	0.37 (0.36) [71.35721]
SW846 - Percent Moisture (%)							
Percent moisture	18	() [1]	11	() [1]	7	() [1]	2 () [1]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SS-09	05-SS-10	05-SS-11	05-SS-12	05-SS-10-01	05-SS-11-01	05-SS-12-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	

SW6010 - Metals (mg/kg)								
Aluminum	9500	(17) [84.74576]	8000	(14) [71.94244]	11000	(15) [76.92307]	8200	(14) [71.42857]
Antimony	ND	(8.5) [84.74576]	15	(7.2) [71.94244]	ND	(7.7) [76.92307]	ND	(7.1) [71.42857]
Arsenic	ND	(25) [84.74576]	ND	(22) [71.94244]	ND	(23) [76.92307]	ND	(21) [71.42857]
Barium	160	(0.85) [84.74576]	130	(0.72) [71.94244]	170	(0.77) [76.92307]	140	(0.71) [71.42857]
Beryllium	0.31	(0.17) [84.74576]	0.26	(0.14) [71.94244]	0.35	(0.15) [76.92307]	0.19	(0.14) [71.42857]
Cadmium	0.79	(0.42) [84.74576]	0.48	(0.36) [71.94244]	ND	(0.38) [76.92307]	ND	(0.36) [71.42857]
Calcium	11000	(85) [84.74576]	22000	(72) [71.94244]	12000	(77) [76.92307]	11000	(71) [71.42857]
Chromium	20	(0.85) [84.74576]	22	(0.72) [71.94244]	22	(0.77) [76.92307]	17	(0.71) [71.42857]
Cobalt	8.6	(0.85) [84.74576]	7.2	(0.72) [71.94244]	9.1	(0.77) [76.92307]	9	(0.71) [71.42857]
Copper	25	(1.7) [84.74576]	21	(1.4) [71.94244]	27	(1.5) [76.92307]	18	(1.4) [71.42857]
Iron	20000	(4.2) [84.74576]	16000	(3.6) [71.94244]	22000	(3.8) [76.92307]	17000	(3.6) [71.42857]
Lead	200	(4.2) [84.74576]	35	(3.6) [71.94244]	120	(3.8) [76.92307]	10	(3.6) [71.42857]
Magnesium	6500	(85) [84.74576]	5200	(72) [71.94244]	7200	(77) [76.92307]	5700	(71) [71.42857]
Manganese	270	(0.85) [84.74576]	260	(0.72) [71.94244]	370	(0.77) [76.92307]	320	(0.71) [71.42857]
Molybdenum	ND	(4.2) [84.74576]	ND	(3.6) [71.94244]	ND	(3.8) [76.92307]	ND	(3.6) [71.42857]
Nickel	24	(1.7) [84.74576]	20	(1.4) [71.94244]	25	(1.5) [76.92307]	21	(1.4) [71.42857]
Potassium	820	(250) [84.74576]	900	(220) [71.94244]	900	(230) [76.92307]	710	(210) [71.42857]
Selenium	ND	(25) [84.74576]	ND	(22) [71.94244]	ND	(23) [76.92307]	ND	(21) [71.42857]
Silver	1.4	(0.85) [84.74576]	0.72	(0.72) [71.94244]	1.4	(0.77) [76.92307]	ND	(0.71) [71.42857]
Sodium	330	(85) [84.74576]	290	(72) [71.94244]	380	(77) [76.92307]	260	(71) [71.42857]
Thallium	ND	(8.5) [84.74576]	ND	(7.2) [71.94244]	ND	(7.7) [76.92307]	ND	(7.1) [71.42857]
Vanadium	29	(1.7) [84.74576]	26	(1.4) [71.94244]	31	(1.5) [76.92307]	29	(1.4) [71.42857]
Zinc	64	(1.7) [84.74576]	68	(1.4) [71.94244]	81	(1.5) [76.92307]	54	(1.4) [71.42857]
SW7060 - Arsenic (mg/kg)								
Arsenic	10	(0.64) [160.0640]	17	(1.2) [298.2848]	12	(1.2) [305.0640]	7.7	(0.57) [141.6129]
SW7421 - Lead (mg/kg)								
Lead	240	(19) [6402.561]	27	(2.2) [745.7121]	140	(9.2) [3050.640]	24	(2.1) [708.0648]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	05		05		05		05	
	05-SS-09 0 - 0.5		05-SS-10 05-SS-10-01 0 - 0.5		05-SS-11 05-SS-11-01 0 - 0.5		05-SS-12 05-SS-12-01 0 - 0.5	
SW7471 - Mercury (mg/kg)	0.077 B	(0.056) [309.5975]	1.8	(0.045) [252.5252]	0.077 B	(0.041) [227.2727]	ND	(0.042) [233.3395]
SW7740 - Selenium (mg/kg)	0.76	(0.4) [80.03201]	0.58	(0.37) [74.57121]	0.85	(0.38) [76.26601]	ND	(0.35) [70.80648]
SW846 - Percent Moisture (%)	15	() [1]	10	() [1]	12	() [1]	2.6	() [1]
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	05	05	05	05	05	05	05	05
	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13	05-SS-13
	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-13-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)								
Aluminum	5200	(15) [75.18796]	6100	(14) [69.44444]	4300	(14) [68.49314]	6300	(15) [76.92307]
Antimony	ND	(7.5) [75.18796]	ND	(6.9) [69.44444]	ND	(6.8) [68.49314]	ND	(7.7) [76.92307]
Arsenic	ND	(23) [75.18796]	ND	(21) [69.44444]	ND	(21) [68.49314]	ND	(23) [76.92307]
Barium	100	(0.75) [75.18796]	92	(0.69) [69.44444]	56	(0.68) [68.49314]	110	(0.77) [76.92307]
Beryllium	ND	(0.15) [75.18796]	ND	(0.14) [69.44444]	0.17	(0.14) [68.49314]	ND	(0.15) [76.92307]
Cadmium	ND	(0.38) [75.18796]	ND	(0.35) [69.44444]	0.35	(0.34) [68.49314]	ND	(0.38) [76.92307]
Calcium	3800	(75) [75.18796]	4300	(69) [69.44444]	2200	(68) [68.49314]	6900	(77) [76.92307]
Chromium	11	(0.75) [75.18796]	12	(0.69) [69.44444]	8.6	(0.68) [68.49314]	14	(0.77) [76.92307]
Cobalt	6.2	(0.75) [75.18796]	6.9	(0.69) [69.44444]	4.9	(0.68) [68.49314]	7.7	(0.77) [76.92307]
Copper	8.6	(1.5) [75.18796]	10	(1.4) [69.44444]	7.7	(1.4) [68.49314]	14	(1.5) [76.92307]
Iron	11000	(3.8) [75.18796]	12000	(3.5) [69.44444]	8900	(3.4) [68.49314]	13000	(3.8) [76.92307]
Lead	20	(3.8) [75.18796]	13	(3.5) [69.44444]	4.4	(3.4) [68.49314]	40	(3.8) [76.92307]
Magnesium	3100	(75) [75.18796]	3300	(69) [69.44444]	2300	(68) [68.49314]	4100	(77) [76.92307]
Manganese	210	(0.75) [75.18796]	220	(0.69) [69.44444]	130	(0.68) [68.49314]	250	(0.77) [76.92307]
Molybdenum	ND	(3.8) [75.18796]	ND	(3.5) [69.44444]	ND	(3.4) [68.49314]	ND	(3.8) [76.92307]
Nickel	15	(1.5) [75.18796]	14	(1.4) [69.44444]	12	(1.4) [68.49314]	16	(1.5) [76.92307]
Potassium	420	(230) [75.18796]	500	(210) [69.44444]	370	(210) [68.49314]	630	(230) [76.92307]
Selenium	ND	(23) [75.18796]	ND	(21) [69.44444]	ND	(21) [68.49314]	ND	(23) [76.92307]
Silver	ND	(0.75) [75.18796]	ND	(0.69) [69.44444]	ND	(0.68) [68.49314]	ND	(0.77) [76.92307]
Sodium	130	(75) [75.18796]	150	(69) [69.44444]	100	(68) [68.49314]	170	(77) [76.92307]
Thallium	ND	(7.5) [75.18796]	ND	(6.9) [69.44444]	ND	(6.8) [68.49314]	ND	(7.7) [76.92307]
Vanadium	22	(1.5) [75.18796]	26	(1.4) [69.44444]	15	(1.4) [68.49314]	25	(1.5) [76.92307]
Zinc	30	(1.5) [75.18796]	31	(1.4) [69.44444]	24	(1.4) [68.49314]	54	(1.5) [76.92307]
SW7060 - Arsenic (mg/kg)								
Arsenic	5.2	(0.56) [139.4972]	5.3	(0.52) [130.7890]	4	(0.31) [76.67770]	6	(0.56) [140.5757]
SW7421 - Lead (mg/kg)								
Lead	12	(0.84) [278.9945]	11	(0.78) [261.5781]	4.8	(0.46) [153.3554]	52	(4.2) [1405.757]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
	05	05	05	05	05	05
	05-SS-13	05-SS-13	05-SS-13	05-SS-14	05-SS-15	05-SS-15
	05-SS-13-01	05-SS-13-01	05-SS-13-01	05-SS-14-01	05-SS-15-01	05-SS-15-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)						
Mercury	0.07 B	(0.055) [305.9975]	0.066 B	(0.054) [297.6190]	0.053 B	(0.04) [220.0316]
SW7740 - Selenium (mg/kg)						
Selenium	ND	(0.35) [69.74862]	ND	(0.33) [65.39452]	ND	(0.38) [76.67770]
SW846 - Percent Moisture (%)						
Percent moisture	1.8	() [1]	1.6	() [1]	1.2	() [1]
	</					

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	06	06	06	06	06	06	06	06	06	06	06	06
	06-MW-01	06-MW-02	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03
	06-MW-01-02	06-MW-02-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02
	8 - 10	3 - 5	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7

SW6010 - Metals (mg/kg)												
Aluminum	9800	(20)	[98.03921]	9100	(16)	[80.64516]	7200	(17)	[85.47008]	7400	(18)	[90.09008]
Antimony	ND	(9.8)	[98.03921]	ND	(8.1)	[80.64516]	ND	(8.5)	[85.47008]	ND	(9)	[90.09008]
Arsenic	ND	(29)	[98.03921]	ND	(24)	[80.64516]	ND	(26)	[85.47008]	ND	(27)	[90.09008]
Barium	190	(0.98)	[98.03921]	160	(0.81)	[80.64516]	130	(0.85)	[85.47008]	130	(0.9)	[90.09008]
Beryllium	0.26	(0.2)	[98.03921]	0.21	(0.16)	[80.64516]	0.19	(0.17)	[85.47008]	0.2	(0.18)	[90.09008]
Cadmium	ND	(0.49)	[98.03921]	ND	(0.4)	[80.64516]	ND	(0.43)	[85.47008]	ND	(0.45)	[90.09008]
Calcium	15000	(98)	[98.03921]	13000	(81)	[80.64516]	6900	(85)	[85.47008]	8500	(90)	[90.09008]
Chromium	21	(0.98)	[98.03921]	20	(0.81)	[80.64516]	17	(0.85)	[85.47008]	16	(0.9)	[90.09008]
Cobalt	9.9	(0.98)	[98.03921]	9.1	(0.81)	[80.64516]	7.7	(0.85)	[85.47008]	7.9	(0.9)	[90.09008]
Copper	28	(2)	[98.03921]	28	(1.6)	[80.64516]	33	(1.7)	[85.47008]	24	(1.8)	[90.09008]
Iron	22000	(4.9)	[98.03921]	20000	(4)	[80.64516]	15000	(4.3)	[85.47008]	16000	(4.5)	[90.09008]
Lead	ND	(4.9)	[98.03921]	7.9	(4)	[80.64516]	9.8	(4.3)	[85.47008]	6.9	(4.5)	[90.09008]
Magnesium	7300	(98)	[98.03921]	6500	(81)	[80.64516]	4600	(85)	[85.47008]	4900	(90)	[90.09008]
Manganese	480	(0.98)	[98.03921]	370	(0.81)	[80.64516]	270	(0.85)	[85.47008]	290	(0.9)	[90.09008]
Molybdenum	ND	(4.9)	[98.03921]	ND	(4)	[80.64516]	ND	(4.3)	[85.47008]	ND	(4.5)	[90.09008]
Nickel	29	(2)	[98.03921]	24	(1.6)	[80.64516]	18	(1.7)	[85.47008]	19	(1.8)	[90.09008]
Potassium	930	(290)	[98.03921]	820	(240)	[80.64516]	710	(260)	[85.47008]	700	(270)	[90.09008]
Selenium	ND	(29)	[98.03921]	ND	(24)	[80.64516]	ND	(26)	[85.47008]	ND	(27)	[90.09008]
Silver	ND	(0.98)	[98.03921]	ND	(0.81)	[80.64516]	ND	(0.85)	[85.47008]	ND	(0.9)	[90.09008]
Sodium	300	(98)	[98.03921]	300	(81)	[80.64516]	210	(85)	[85.47008]	240	(90)	[90.09008]
Thallium	ND	(9.8)	[98.03921]	ND	(8.1)	[80.64516]	ND	(8.5)	[85.47008]	ND	(9)	[90.09008]
Vanadium	36	(2)	[98.03921]	35	(1.6)	[80.64516]	27	(1.7)	[85.47008]	28	(1.8)	[90.09008]
Zinc	68	(2)	[98.03921]	60	(1.6)	[80.64516]	70	(1.7)	[85.47008]	59	(1.8)	[90.09008]
SW7060 - Arsenic (mg/kg)												
Arsenic	9.3	(0.73)	[182.5483]	8.2	(0.68)	[168.8618]	7.5	(0.78)	[195.2934]	7.9	(0.71)	[178.5714]
SW7421 - Lead (mg/kg)												
Lead	8.1	(1.1)	[365.0967]	6.7	(0.88)	[293.3691]	12	(1.1)	[380.6985]	14	(1.1)	[357.1428]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID						
	SAMPLE ID						
	BEG. DEPTH - END DEPTH (FT.)						
	06	06	06	06	06	06	06
	06-MW-01	06-MW-02	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03
	06-MW-01-02	06-MW-02-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02	06-MW-03-02
	8 - 10	3 - 5	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7
SW7471 - Mercury (mg/kg)	0.058 B	(0.054) [301.2048]	0.06 B	(0.051) [283.4467]	ND	(0.046) [253.1645]	0.049 B (0.049) [271.7391]
SW7740 - Selenium (mg/kg)	ND	(0.46) [91.27418]	ND	(0.42) [84.43093]	1.7	(0.48) [95.17464]	ND (0.45) [89.28571]
SW846 - Percent Moisture (%)	17	() [1]	16	() [1]	21	() [1]	20 () [1]
Percent moisture							

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
	06	06	06	06	06	06	06	06	06	06
	06-MW-04	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-01	06-SB-01-02
	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12

SW6010 - Metals (mg/kg)										
Aluminum	12000	(17) [86.95652]	9100	(19) [95.23809]	8700	(20) [100]	9900	(18) [87.71929]		
Antimony	ND	(8.7) [86.95652]	ND	(9.5) [95.23809]	ND	(10) [100]	ND	(8.8) [87.71929]		
Arsenic	ND	(26) [86.95652]	ND	(29) [95.23809]	ND	(30) [100]	ND	(26) [87.71929]		
Barium	230	(0.87) [86.95652]	170	(0.95) [95.23809]	160	(1) [100]	200	(0.88) [87.71929]		
Beryllium	0.31	(0.17) [86.95652]	0.29	(0.19) [95.23809]	0.24	(0.2) [100]	0.31	(0.18) [87.71929]		
Cadmium	ND	(0.43) [86.95652]	ND	(0.48) [95.23809]	ND	(0.5) [100]	ND	(0.44) [87.71929]		
Calcium	17000	(87) [86.95652]	11000	(95) [95.23809]	12000	(100) [100]	15000	(88) [87.71929]		
Chromium	25	(0.87) [86.95652]	20	(0.95) [95.23809]	19	(1) [100]	22	(0.88) [87.71929]		
Cobalt	11	(0.87) [86.95652]	8.8	(0.95) [95.23809]	9	(1) [100]	9	(0.88) [87.71929]		
Copper	33	(1.7) [86.95652]	26	(1.9) [95.23809]	29	(2) [100]	39	(1.8) [87.71929]		
Iron	26000	(4.3) [86.95652]	20000	(4.8) [95.23809]	20000	(5) [100]	22000	(4.4) [87.71929]		
Lead	ND	(4.3) [86.95652]	6.9	(4.8) [95.23809]	ND	(5) [100]	5.1	(4.4) [87.71929]		
Magnesium	8700	(87) [86.95652]	6200	(95) [95.23809]	6000	(100) [100]	7300	(88) [87.71929]		
Manganese	500	(0.87) [86.95652]	310	(0.95) [95.23809]	310	(1) [100]	370	(0.88) [87.71929]		
Molybdenum	ND	(4.3) [86.95652]	ND	(4.8) [95.23809]	ND	(5) [100]	ND	(4.4) [87.71929]		
Nickel	31	(1.7) [86.95652]	26	(1.9) [95.23809]	24	(2) [100]	32	(1.8) [87.71929]		
Potassium	980	(260) [86.95652]	850	(290) [95.23809]	820	(300) [100]	860	(260) [87.71929]		
Selenium	ND	(26) [86.95652]	ND	(29) [95.23809]	ND	(30) [100]	ND	(26) [87.71929]		
Silver	ND	(0.87) [86.95652]	ND	(0.95) [95.23809]	ND	(1) [100]	ND	(0.88) [87.71929]		
Sodium	410	(87) [86.95652]	280	(95) [95.23809]	260	(100) [100]	260	(88) [87.71929]		
Thallium	ND	(8.7) [86.95652]	ND	(9.5) [95.23809]	ND	(10) [100]	ND	(8.8) [87.71929]		
Vanadium	43	(1.7) [86.95652]	31	(1.9) [95.23809]	31	(2) [100]	35	(1.8) [87.71929]		
Zinc	80	(1.7) [86.95652]	65	(1.9) [95.23809]	63	(2) [100]	73	(1.8) [87.71929]		
SW7060 - Arsenic (mg/kg)										
Arsenic	12	(0.85) [212.2241]	8.6	(0.78) [193.8360]	15	(1.6) [390.5868]	10	(0.72) [178.9709]		
SW7421 - Lead (mg/kg)										
Lead	9.2	(1.3) [424.4482]	9.5	(1.2) [387.6720]	11	(1.2) [390.5868]	9.3	(1.1) [357.9418]		

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	06	06	06	06
	06-MW-04	06-SB-01	06-SB-01	06-SB-01
	06-MW-04-02	06-SB-01-01	06-SB-01-01	06-SB-01-02
	4 - 6	6.5 - 9	6.5 - 9	10 - 12

SW7471 - Mercury (mg/kg)				
Mercury	0.072 B	(0.054) [299.0430]	0.055 B	(0.051) [282.3263]
			0.077 B	(0.058) [324.6753]
SW7740 - Selenium (mg/kg)				0.098 B
				(0.057) [317.4603]
Selenium	1.7	(0.53) [106.1120]	ND	(0.49) [97.64671]
			ND	(0.45) [89.48545]
SW846 - Percent Moisture (%)				
Percent moisture	24	() [1]	23	() [1]
			23	() [1]
			25	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	06	06	06	06	06	06	06	06	06	06	06	06
	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02	06-SB-02
	06-SB-02-01	06-SB-02-01	06-SB-02-02	06-SB-02-02	06-SB-02-02	06-SB-02-02	06-SB-02-02	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01	06-SB-02-01
	2 - 4	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)												
Aluminum	4600	(16)	[80.64516]	9600	(17)	[86.20689]	11000	(18)	[88.49557]	8200	(18)	[91.74311]
Antimony	ND	(8.1)	[80.64516]	ND	(8.6)	[86.20689]	ND	(8.8)	[88.49557]	ND	(9.2)	[91.74311]
Arsenic	ND	(24)	[80.64516]	ND	(26)	[86.20689]	ND	(27)	[88.49557]	ND	(28)	[91.74311]
Barium	66	(0.81)	[80.64516]	160	(0.86)	[86.20689]	200	(0.88)	[88.49557]	160	(0.92)	[91.74311]
Beryllium	ND	(0.16)	[80.64516]	0.23	(0.17)	[86.20689]	0.28	(0.18)	[88.49557]	0.21	(0.18)	[91.74311]
Cadmium	ND	(0.4)	[80.64516]	ND	(0.43)	[86.20689]	ND	(0.44)	[88.49557]	ND	(0.46)	[91.74311]
Calcium	2800	(81)	[80.64516]	11000	(86)	[86.20689]	15000	(88)	[88.49557]	9900	(92)	[91.74311]
Chromium	12	(0.81)	[80.64516]	20	(0.86)	[86.20689]	24	(0.88)	[88.49557]	18	(0.92)	[91.74311]
Cobalt	5.9	(0.81)	[80.64516]	8.7	(0.86)	[86.20689]	13	(0.88)	[88.49557]	10	(0.92)	[91.74311]
Copper	8.6	(1.6)	[80.64516]	26	(1.7)	[86.20689]	31	(1.8)	[88.49557]	21	(1.8)	[91.74311]
Iron	9600	(4)	[80.64516]	20000	(4.3)	[86.20689]	23000	(4.4)	[88.49557]	18000	(4.6)	[91.74311]
Lead	ND	(4)	[80.64516]	ND	(4.3)	[86.20689]	9.5	(4.4)	[88.49557]	9.9	(4.6)	[91.74311]
Magnesium	2700	(81)	[80.64516]	6400	(86)	[86.20689]	7800	(88)	[88.49557]	6000	(92)	[91.74311]
Manganese	180	(0.81)	[80.64516]	340	(0.86)	[86.20689]	440	(0.88)	[88.49557]	360	(0.92)	[91.74311]
Molybdenum	ND	(4)	[80.64516]	ND	(4.3)	[86.20689]	ND	(4.4)	[88.49557]	ND	(4.6)	[91.74311]
Nickel	13	(1.6)	[80.64516]	24	(1.7)	[86.20689]	30	(1.8)	[88.49557]	23	(1.8)	[91.74311]
Potassium	430	(240)	[80.64516]	820	(260)	[86.20689]	930	(270)	[88.49557]	740	(280)	[91.74311]
Selenium	ND	(24)	[80.64516]	31	(26)	[86.20689]	ND	(27)	[88.49557]	ND	(28)	[91.74311]
Silver	ND	(0.81)	[80.64516]	ND	(0.86)	[86.20689]	ND	(0.88)	[88.49557]	ND	(0.92)	[91.74311]
Sodium	100	(81)	[80.64516]	260	(86)	[86.20689]	320	(88)	[88.49557]	260	(92)	[91.74311]
Thallium	ND	(8.1)	[80.64516]	ND	(8.6)	[86.20689]	ND	(8.8)	[88.49557]	ND	(9.2)	[91.74311]
Vanadium	19	(1.6)	[80.64516]	34	(1.7)	[86.20689]	38	(1.8)	[88.49557]	29	(1.8)	[91.74311]
Zinc	25	(1.6)	[80.64516]	63	(1.7)	[86.20689]	86	(1.8)	[88.49557]	66	(1.8)	[91.74311]
SW7060 - Arsenic (mg/kg)												
Arsenic	4.2	(0.56)	[139.2573]	8.7	(0.85)	[213.3333]	11	(0.73)	[182.4817]	8.7	(0.72)	[180.2288]
SW7421 - Lead (mg/kg)												
Lead	5.5	(0.84)	[278.5146]	9.2	(1.2)	[405.0632]	12	(1.1)	[364.9635]	10	(1.1)	[374.1114]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID				
	SAMPLE ID				
	06	06	06	06	
	06-SB-02	06-SB-02	06-SD-01	06-SD-02	
	06-SB-02-01	06-SB-02-02	06-SD-01-01	06-SD-02-01	
	2 - 4	5 - 7	0 - 0.5	0 - 0.5	

SW7471 - Mercury (mg/kg)					
Mercury	ND	0.056 B	ND	0.074 B	(0.065) [363.1082]
SW7740 - Selenium (mg/kg)					
Selenium	0.69	1.9	ND	ND	(0.45) [90.11444]
SW846 - Percent Moisture (%)					
Percent moisture	2.8	21	20	19	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		06		06	
	06-SS-01		06-SS-02		06-SS-03		06-SS-04		06-SS-05	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
SW6010 - Metals (mg/kg)										
Aluminum	6200	(15) [74.07407]	6600	(14) [69.44444]	6000	(15) [76.92307]	5000	(15) [76.33588]		
Antimony	ND	(7.4) [74.07407]	ND	(6.9) [69.44444]	ND	(7.7) [76.92307]	ND	(7.6) [76.33588]		
Arsenic	ND	(22) [74.07407]	ND	(21) [69.44444]	ND	(23) [76.92307]	ND	(23) [76.33588]		
Barium	130	(0.74) [74.07407]	100	(0.69) [69.44444]	100	(0.77) [76.92307]	86	(0.76) [76.33588]		
Beryllium	0.16	(0.15) [74.07407]	0.15	(0.14) [69.44444]	ND	(0.15) [76.92307]	ND	(0.15) [76.33588]		
Cadmium	0.41	(0.37) [74.07407]	0.41	(0.35) [69.44444]	0.47	(0.38) [76.92307]	ND	(0.38) [76.33588]		
Calcium	4500	(74) [74.07407]	5900	(69) [69.44444]	4300	(77) [76.92307]	2700	(76) [76.33588]		
Chromium	14	(0.74) [74.07407]	15	(0.69) [69.44444]	18	(0.77) [76.92307]	10	(0.76) [76.33588]		
Cobalt	7.8	(0.74) [74.07407]	6.5	(0.69) [69.44444]	6.5	(0.77) [76.92307]	5.8	(0.76) [76.33588]		
Copper	41	(1.5) [74.07407]	13	(1.4) [69.44444]	14	(1.5) [76.92307]	7.6	(1.5) [76.33588]		
Iron	14000	(3.7) [74.07407]	12000	(3.5) [69.44444]	11000	(3.8) [76.92307]	10000	(3.8) [76.33588]		
Lead	32	(3.7) [74.07407]	13	(3.5) [69.44444]	15	(3.8) [76.92307]	27	(3.8) [76.33588]		
Magnesium	3400	(74) [74.07407]	3500	(69) [69.44444]	3600	(77) [76.92307]	2900	(76) [76.33588]		
Manganese	270	(0.74) [74.07407]	210	(0.69) [69.44444]	220	(0.77) [76.92307]	170	(0.76) [76.33588]		
Molybdenum	ND	(3.7) [74.07407]	ND	(3.5) [69.44444]	ND	(3.8) [76.92307]	ND	(3.8) [76.33588]		
Nickel	17	(1.5) [74.07407]	16	(1.4) [69.44444]	16	(1.5) [76.92307]	14	(1.5) [76.33588]		
Potassium	670	(220) [74.07407]	680	(210) [69.44444]	620	(230) [76.92307]	310	(230) [76.33588]		
Selenium	ND	(22) [74.07407]	ND	(21) [69.44444]	ND	(23) [76.92307]	ND	(23) [76.33588]		
Silver	ND	(0.74) [74.07407]	ND	(0.69) [69.44444]	ND	(0.77) [76.92307]	ND	(0.76) [76.33588]		
Sodium	180	(74) [74.07407]	210	(69) [69.44444]	170	(77) [76.92307]	83	(76) [76.33588]		
Thallium	ND	(7.4) [74.07407]	ND	(6.9) [69.44444]	ND	(7.7) [76.92307]	ND	(7.6) [76.33588]		
Vanadium	25	(1.5) [74.07407]	26	(1.4) [69.44444]	22	(1.5) [76.92307]	20	(1.5) [76.33588]		
Zinc	220	(1.5) [74.07407]	54	(1.4) [69.44444]	54	(1.5) [76.92307]	39	(1.5) [76.33588]		
SW7060 - Arsenic (mg/kg)										
Arsenic	4.3	(0.28) [69.7107]	6.3	(0.66) [164.5846]	7.1	(0.59) [148.6414]	2.8	(0.3) [74.63466]		
SW7421 - Lead (mg/kg)										
Lead	25	(2.1) [697.107]	14	(0.99) [329.1693]	17	(0.89) [297.2828]	29	(2.3) [754.8366]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
	06	06	06	06	06	06
	06-SS-01	06-SS-02	06-SS-03	06-SS-04	06-SS-04	06-SS-04
	06-SS-01-01	06-SS-02-01	06-SS-03-01	06-SS-04-01	06-SS-04-01	06-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7471 - Mercury (mg/kg)						
Mercury	0.046 B	(0.04) [220.0316]	0.051 B	(0.04) [221.3760]	0.057 B	(0.037) [203.2520] ND (0.046) [255.6237]
SW7740 - Selenium (mg/kg)						
Selenium	ND	(0.35) [69.7107]	ND	(0.41) [82.29233]	ND	(0.37) [74.32070] ND (0.37) [74.63466]
SW846 - Percent Moisture (%)						
Percent moisture	5	() [1]	5.8	() [1]	3.2	() [1] 2.2 () [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)															
	06				06				07							
	06-SS-05				06-SS-06				07-MW-01				07-MW-02			
	0 - 0.5				0 - 0.5				0 - 0.5				5 - 6.5			
-----													2 - 4			
SW6010 - Metals (mg/kg)																
Aluminum	4600	(17)	[82.64462]	3800	(16)	[77.51938]	11000	(20)	[98.03921]	7900	(21)	[104.1666]				
Antimony	ND	(8.3)	[82.64462]	ND	(7.8)	[77.51938]	ND	(9.8)	[98.03921]	ND	(10)	[104.1666]				
Arsenic	ND	(25)	[82.64462]	ND	(23)	[77.51938]	ND	(29)	[98.03921]	ND	(31)	[104.1666]				
Barium	66	(0.83)	[82.64462]	63	(0.78)	[77.51938]	350	(0.98)	[98.03921]	190	(1)	[104.1666]				
Beryllium	ND	(0.17)	[82.64462]	ND	(0.16)	[77.51938]	0.38	(0.2)	[98.03921]	0.23	(0.21)	[104.1666]				
Cadmium	ND	(0.41)	[82.64462]	0.51	(0.39)	[77.51938]	ND	(0.49)	[98.03921]	ND	(0.52)	[104.1666]				
Calcium	2800	(83)	[82.64462]	2000	(78)	[77.51938]	16000	(98)	[98.03921]	13000	(100)	[104.1666]				
Chromium	9.7	(0.83)	[82.64462]	7.8	(0.78)	[77.51938]	22	(0.98)	[98.03921]	19	(1)	[104.1666]				
Cobalt	5	(0.83)	[82.64462]	4.8	(0.78)	[77.51938]	12	(0.98)	[98.03921]	7.9	(1)	[104.1666]				
Copper	11	(1.7)	[82.64462]	7.3	(1.6)	[77.51938]	29	(2)	[98.03921]	20	(2.1)	[104.1666]				
Iron	11000	(4.1)	[82.64462]	9100	(3.9)	[77.51938]	24000	(4.9)	[98.03921]	16000	(5.2)	[104.1666]				
Lead	12	(4.1)	[82.64462]	8.9	(3.9)	[77.51938]	10	(4.9)	[98.03921]	ND	(5.2)	[104.1666]				
Magnesium	2700	(83)	[82.64462]	2200	(78)	[77.51938]	8300	(98)	[98.03921]	5200	(100)	[104.1666]				
Manganese	190	(0.83)	[82.64462]	150	(0.78)	[77.51938]	310	(0.98)	[98.03921]	240	(1)	[104.1666]				
Molybdenum	ND	(4.1)	[82.64462]	ND	(3.9)	[77.51938]	ND	(4.9)	[98.03921]	ND	(5.2)	[104.1666]				
Nickel	14	(1.7)	[82.64462]	11	(1.6)	[77.51938]	28	(2)	[98.03921]	21	(2.1)	[104.1666]				
Potassium	350	(250)	[82.64462]	330	(230)	[77.51938]	1500	(290)	[98.03921]	770	(310)	[104.1666]				
Selenium	ND	(25)	[82.64462]	ND	(23)	[77.51938]	ND	(29)	[98.03921]	ND	(31)	[104.1666]				
Silver	ND	(0.83)	[82.64462]	ND	(0.78)	[77.51938]	ND	(0.98)	[98.03921]	ND	(1)	[104.1666]				
Sodium	110	(83)	[82.64462]	86	(78)	[77.51938]	280	(98)	[98.03921]	450	(100)	[104.1666]				
Thallium	ND	(8.3)	[82.64462]	ND	(7.8)	[77.51938]	ND	(9.8)	[98.03921]	ND	(10)	[104.1666]				
Vanadium	19	(1.7)	[82.64462]	16	(1.6)	[77.51938]	45	(2)	[98.03921]	30	(2.1)	[104.1666]				
Zinc	36	(1.7)	[82.64462]	51	(1.6)	[77.51938]	89	(2)	[98.03921]	56	(2.1)	[104.1666]				
SW7060 - Arsenic (mg/kg)																
Arsenic	3.2	(0.3)	[74.78760]	4.2	(0.29)	[72.09285]	13	(1)	[253.2928]	5.9	(0.39)	[98.61932]				
SW7421 - Lead (mg/kg)																
Lead	13	(0.9)	[299.1504]	9.1	(0.87)	[288.3714]	11	(1.5)	[506.5856]	8.9	(1.2)	[394.4773]				

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		07		07	
	07-MW-03		07-MW-03		07-MW-03 Dup of 07-MW-03-02		07-MW-04		07-SB-01	
	1.5 - 3		1.5 - 3		1.5 - 3		10 - 12		3 - 5	
SW6010 - Metals (mg/kg)										
Aluminum	9600	(20)	[102.0408]	8500	(17)	[84.0336]	10000	(16)	[81.96721]	8900
Antimony	ND	(10)	[102.0408]	ND	(8.4)	[84.0336]	ND	(8.2)	[81.96721]	ND
Arsenic	ND	(31)	[102.0408]	ND	(25)	[84.0336]	ND	(25)	[81.96721]	ND
Barium	270	(1)	[102.0408]	240	(0.84)	[84.0336]	250	(0.82)	[81.96721]	240
Beryllium	0.27	(0.2)	[102.0408]	0.25	(0.17)	[84.0336]	0.25	(0.16)	[81.96721]	0.24
Cadmium	ND	(0.51)	[102.0408]	ND	(0.42)	[84.0336]	ND	(0.41)	[81.96721]	ND
Calcium	13000	(100)	[102.0408]	9900	(84)	[84.0336]	6500	(82)	[81.96721]	6900
Chromium	20	(1)	[102.0408]	18	(0.84)	[84.0336]	21	(0.82)	[81.96721]	19
Cobalt	9.7	(1)	[102.0408]	7.7	(0.84)	[84.0336]	9.6	(0.82)	[81.96721]	9.9
Copper	24	(2)	[102.0408]	23	(1.7)	[84.0336]	21	(1.6)	[81.96721]	23
Iron	19000	(5.1)	[102.0408]	17000	(4.2)	[84.0336]	20000	(4.1)	[81.96721]	18000
Lead	ND	(5.1)	[102.0408]	ND	(4.2)	[84.0336]	14	(4.1)	[81.96721]	ND
Magnesium	5600	(100)	[102.0408]	4800	(84)	[84.0336]	4100	(82)	[81.96721]	5000
Manganese	380	(1)	[102.0408]	240	(0.84)	[84.0336]	230	(0.82)	[81.96721]	220
Molybdenum	ND	(5.1)	[102.0408]	ND	(4.2)	[84.0336]	ND	(4.1)	[81.96721]	ND
Nickel	24	(2)	[102.0408]	20	(1.7)	[84.0336]	22	(1.6)	[81.96721]	25
Potassium	1100	(310)	[102.0408]	620	(250)	[84.0336]	720	(250)	[81.96721]	920
Selenium	ND	(31)	[102.0408]	ND	(25)	[84.0336]	ND	(25)	[81.96721]	ND
Silver	ND	(1)	[102.0408]	ND	(0.84)	[84.0336]	ND	(0.82)	[81.96721]	ND
Sodium	180	(100)	[102.0408]	150	(84)	[84.0336]	160	(82)	[81.96721]	370
Thallium	ND	(10)	[102.0408]	ND	(8.4)	[84.0336]	ND	(8.2)	[81.96721]	ND
Vanadium	35	(2)	[102.0408]	31	(1.7)	[84.0336]	37	(1.6)	[81.96721]	33
Zinc	58	(2)	[102.0408]	48	(1.7)	[84.0336]	56	(1.6)	[81.96721]	58
SW7060 - Arsenic (mg/kg)										
Arsenic	8.2	(0.88)	[218.9381]	7.3	(0.7)	[175.8241]	9	(0.66)	[165.3849]	14
SW7421 - Lead (mg/kg)										
Lead	6.7	(0.66)	[218.9381]	7.1	(1.1)	[351.6483]	11	(0.99)	[330.7698]	8.4

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	07
	07-MW-03	07-MW-03	07-MW-04	07-SB-01
	07-MW-03-02	07-DS-01 Dup of 07-MW-03-02	07-MW-04-02	07-SB-01-01
	1.5 - 3	1.5 - 3	10 - 12	3 - 5
SW7471 - Mercury (mg/kg)				
Mercury	0.15	(0.079) [440.9171]	0.11	(0.055) [307.6923]
			0.1 B	(0.047) [261.2330]
SW7740 - Selenium (mg/kg)				0.14
Selenium	0.61	(0.55) [109.4690]	ND	(0.41) [82.69246]
SW846 - Percent Moisture (%)			ND	(0.36) [71.35721]
Percent moisture	37	() [1]	35	() [1]
			13	() [1]
				() [1]
				23
				() [1]
				() [1]
				ND
				(0.36) [71.35721]
				0.14
				(0.065) [360.7503]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	07	07	07	07	07	07	07	07	07	07
	07-SB-02	07-SB-03	07-SB-01	07-SB-02	07-SB-03	07-SB-01	07-SB-02	07-SB-03	07-SB-01	07-SB-02
	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5	3 - 5

SW6010 - Metals (mg/kg)										
Aluminum	9600	(16)	[81.30081]	9000	(18)	[89.28571]	7900	(16)	[79.36507]	(15) [74.62886]
Antimony	ND	(8.1)	[81.30081]	ND	(8.9)	[89.28571]	ND	(7.9)	[79.36507]	(7.5) [74.62886]
Arsenic	ND	(24)	[81.30081]	ND	(27)	[89.28571]	ND	(24)	[79.36507]	(22) [74.62886]
Barium	180	(0.81)	[81.30081]	250	(0.89)	[89.28571]	260	(0.79)	[79.36507]	(0.75) [74.62886]
Beryllium	0.26	(0.16)	[81.30081]	0.27	(0.18)	[89.28571]	0.2	(0.16)	[79.36507]	(0.15) [74.62886]
Cadmium	ND	(0.41)	[81.30081]	ND	(0.45)	[89.28571]	0.53	(0.4)	[79.36507]	(0.37) [74.62886]
Calcium	9500	(81)	[81.30081]	8300	(89)	[89.28571]	19000	(79)	[79.36507]	(75) [74.62886]
Chromium	21	(0.81)	[81.30081]	20	(0.89)	[89.28571]	17	(0.79)	[79.36507]	(0.75) [74.62886]
Cobalt	6.8	(0.81)	[81.30081]	9.1	(0.89)	[89.28571]	9	(0.79)	[79.36507]	(0.75) [74.62886]
Copper	19	(1.6)	[81.30081]	24	(1.8)	[89.28571]	25	(1.6)	[79.36507]	(1.5) [74.62886]
Iron	15000	(4.1)	[81.30081]	19000	(4.5)	[89.28571]	22000	(4)	[79.36507]	(3.7) [74.62886]
Lead	8.2	(4.1)	[81.30081]	7.4	(4.5)	[89.28571]	16	(4)	[79.36507]	(3.7) [74.62886]
Magnesium	4700	(81)	[81.30081]	5100	(89)	[89.28571]	5000	(79)	[79.36507]	(75) [74.62886]
Manganese	200	(0.81)	[81.30081]	230	(0.89)	[89.28571]	500	(0.79)	[79.36507]	(0.75) [74.62886]
Molybdenum	ND	(4.1)	[81.30081]	ND	(4.5)	[89.28571]	ND	(4)	[79.36507]	(3.7) [74.62886]
Nickel	19	(1.6)	[81.30081]	23	(1.8)	[89.28571]	21	(1.6)	[79.36507]	(1.5) [74.62886]
Potassium	720	(240)	[81.30081]	820	(270)	[89.28571]	860	(240)	[79.36507]	(220) [74.62886]
Selenium	ND	(24)	[81.30081]	ND	(27)	[89.28571]	ND	(24)	[79.36507]	(22) [74.62886]
Silver	ND	(0.81)	[81.30081]	ND	(0.89)	[89.28571]	ND	(0.79)	[79.36507]	(0.75) [74.62886]
Sodium	970	(81)	[81.30081]	190	(89)	[89.28571]	500	(79)	[79.36507]	(75) [74.62886]
Thallium	ND	(8.1)	[81.30081]	ND	(8.9)	[89.28571]	ND	(7.9)	[79.36507]	(7.5) [74.62886]
Vanadium	36	(1.6)	[81.30081]	33	(1.8)	[89.28571]	28	(1.6)	[79.36507]	(1.5) [74.62886]
Zinc	68	(1.6)	[81.30081]	64	(1.8)	[89.28571]	73	(1.6)	[79.36507]	(1.5) [74.62886]
SW7060 - Arsenic (mg/kg)										
Arsenic	7.2	(0.72)	[179.8237]	9	(0.64)	[158.9825]	12	(1.3)	[318.2939]	(0.6) [149.7118]
SW7421 - Lead (mg/kg)										
Lead	8.6	(1.1)	[359.6475]	8.1	(0.95)	[317.9650]	16	(0.95)	[318.2939]	(0.9) [299.4236]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			

SW7471 - Mercury (mg/kg)	07	07	07	07
Mercury	07-SB-02	07-SB-03	07-SD-01	07-SD-01
SW7740 - Selenium (mg/kg)	07-SB-02-01	07-SB-03-01	07-SD-01-01	07-DS-03 Dup of 07-SD-01-01
Selenium	3 - 5	3 - 5	0 - 0.5	0 - 0.5
SW846 - Percent Moisture (%)				
Percent moisture	0.16	0.11	0.12	0.12
	(0.071) [392.7729]	(0.049) [270.2702]	(0.053) [293.4272]	(0.054) [297.7963]
	ND	ND	ND	ND
	(0.45) [89.91188]	(0.4) [79.49125]	(0.4) [79.57348]	(0.35) [70.96728]
	33	() [1]	() [1]	() [1]
		26	29	27
		() [1]	() [1]	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	07		07		07		07			07
	07-SD-02	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-01	07-SS-02
	07-SD-02-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-02-01	07-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)										
Aluminum	3100	(67) [333.0003]	5100	(18) [87.79631]	5300	(19) [93.02325]	3100	(120) [586.5102]		
Antimony	ND	(33) [333.0003]	ND	(8.8) [87.79631]	ND	(9.3) [93.02325]	ND	(59) [586.5102]		
Arsenic	ND	(100) [333.0003]	ND	(26) [87.79631]	ND	(28) [93.02325]	ND	(180) [586.5102]		
Barium	240	(3.3) [333.0003]	110	(0.88) [87.79631]	120	(0.93) [93.02325]	600	(5.9) [586.5102]		
Beryllium	ND	(0.67) [333.0003]	ND	(0.18) [87.79631]	ND	(0.19) [93.02325]	ND	(1.2) [586.5102]		
Cadmium	ND	(1.7) [333.0003]	ND	(0.44) [87.79631]	ND	(0.47) [93.02325]	ND	(2.9) [586.5102]		
Calcium	14000	(330) [333.0003]	3500	(88) [87.79631]	3600	(93) [93.02325]	33000	(590) [586.5102]		
Chromium	5.1	(3.3) [333.0003]	12	(0.88) [87.79631]	13	(0.93) [93.02325]	7.8	(5.9) [586.5102]		
Cobalt	ND	(3.3) [333.0003]	5.3	(0.88) [87.79631]	6.1	(0.93) [93.02325]	11	(5.9) [586.5102]		
Copper	25	(6.7) [333.0003]	10	(1.8) [87.79631]	12	(1.9) [93.02325]	24	(12) [586.5102]		
Iron	10000	(17) [333.0003]	11000	(4.4) [87.79631]	12000	(4.7) [93.02325]	66000	(29) [586.5102]		
Lead	ND	(17) [333.0003]	26	(4.4) [87.79631]	20	(4.7) [93.02325]	ND	(29) [586.5102]		
Magnesium	3000	(330) [333.0003]	2600	(88) [87.79631]	3000	(93) [93.02325]	6700	(590) [586.5102]		
Manganese	83	(3.3) [333.0003]	180	(0.88) [87.79631]	200	(0.93) [93.02325]	790	(5.9) [586.5102]		
Molybdenum	ND	(17) [333.0003]	ND	(4.4) [87.79631]	ND	(4.7) [93.02325]	ND	(29) [586.5102]		
Nickel	13	(6.7) [333.0003]	13	(1.8) [87.79631]	16	(1.9) [93.02325]	24	(12) [586.5102]		
Potassium	ND	(1000) [333.0003]	440	(260) [87.79631]	440	(280) [93.02325]	ND	(1800) [586.5102]		
Selenium	ND	(100) [333.0003]	ND	(26) [87.79631]	ND	(28) [93.02325]	ND	(180) [586.5102]		
Silver	ND	(3.3) [333.0003]	ND	(0.88) [87.79631]	ND	(0.93) [93.02325]	ND	(5.9) [586.5102]		
Sodium	1600	(330) [333.0003]	100	(88) [87.79631]	100	(93) [93.02325]	ND	(590) [586.5102]		
Thallium	ND	(33) [333.0003]	ND	(8.8) [87.79631]	ND	(9.3) [93.02325]	ND	(59) [586.5102]		
Vanadium	11	(6.7) [333.0003]	20	(1.8) [87.79631]	21	(1.9) [93.02325]	22	(12) [586.5102]		
Zinc	54	(6.7) [333.0003]	44	(1.8) [87.79631]	44	(1.9) [93.02325]	67	(12) [586.5102]		
SW7060 - Arsenic (mg/kg)										
Arsenic	10	(1.3) [333.0003]	8.7	(0.7) [175.5926]	11	(0.74) [186.0465]	72	(4.7) [1173.020]		
SW7421 - Lead (mg/kg)										
Lead	9.7	(1) [333.0003]	16	(1.1) [351.1852]	21	(1.1) [372.0930]	10	(1.6) [537.6344]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	07
	07-SD-02	07-SS-01	07-SS-01	07-SS-02
	07-SD-02-01	07-SS-01-01	07-DS-02 Dup of 07-SS-01-01	07-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.35	(0.17) [952.3809]	0.073 B	(0.042) [235.2941]
			0.1 B	(0.05) [276.8549]
SW7740 - Selenium (mg/kg)				0.77
Selenium	ND	(1.7) [333.0003]	ND	(0.47) [93.02325]
SW846 - Percent Moisture (%)				ND
Percent moisture	79	() [1]	15	() [1]
			14	() [1]
				89
				() [1]
				(0.41) [2272.727]
				(2.9) [586.5102]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
							07		09			
	07-SS-03 07-SS-03-01 0 - 0.5		07-SS-04 07-SS-04-01 0 - 0.5		07-SS-05 07-SS-05-01 0 - 0.5		07-SS-05 07-SS-05-01 0 - 0.5		09-MW-01 09-MW-01-02 2 - 3			

SW6010 - Metals (mg/kg)												
Aluminum	3200	(33)	[165.8925]	6000	(83)	[414.0786]	19000	(69)	[347.2222]	6400	(16)	[81.30081]
Antimony	ND	(17)	[165.8925]	ND	(41)	[414.0786]	ND	(35)	[347.2222]	ND	(8.1)	[81.30081]
Arsenic	ND	(50)	[165.8925]	ND	(120)	[414.0786]	ND	(100)	[347.2222]	ND	(24)	[81.30081]
Barium	130	(1.7)	[165.8925]	330	(4.1)	[414.0786]	620	(3.5)	[347.2222]	140	(0.81)	[81.30081]
Beryllium	ND	(0.33)	[165.8925]	ND	(0.83)	[414.0786]	ND	(0.69)	[347.2222]	ND	(0.16)	[81.30081]
Cadmium	ND	(0.83)	[165.8925]	ND	(2.1)	[414.0786]	ND	(1.7)	[347.2222]	ND	(0.41)	[81.30081]
Calcium	9100	(170)	[165.8925]	17000	(410)	[414.0786]	24000	(350)	[347.2222]	6400	(81)	[81.30081]
Chromium	6.2	(1.7)	[165.8925]	11	(4.1)	[414.0786]	40	(3.5)	[347.2222]	14	(0.81)	[81.30081]
Cobalt	2.4	(1.7)	[165.8925]	ND	(4.1)	[414.0786]	21	(3.5)	[347.2222]	4.9	(0.81)	[81.30081]
Copper	13	(3.3)	[165.8925]	ND	(8.3)	[414.0786]	68	(6.9)	[347.2222]	21	(1.6)	[81.30081]
Iron	9200	(8.3)	[165.8925]	23000	(21)	[414.0786]	57000	(17)	[347.2222]	13000	(4.1)	[81.30081]
Lead	ND	(8.3)	[165.8925]	ND	(21)	[414.0786]	28	(17)	[347.2222]	20	(4.1)	[81.30081]
Magnesium	2200	(170)	[165.8925]	4300	(410)	[414.0786]	12000	(350)	[347.2222]	3600	(81)	[81.30081]
Manganese	120	(1.7)	[165.8925]	350	(4.1)	[414.0786]	470	(3.5)	[347.2222]	210	(0.81)	[81.30081]
Molybdenum	ND	(8.3)	[165.8925]	ND	(21)	[414.0786]	ND	(17)	[347.2222]	ND	(4.1)	[81.30081]
Nickel	6.6	(3.3)	[165.8925]	15	(8.3)	[414.0786]	50	(6.9)	[347.2222]	15	(1.6)	[81.30081]
Potassium	ND	(500)	[165.8925]	ND	(1200)	[414.0786]	1500	(1000)	[347.2222]	1500	(240)	[81.30081]
Selenium	ND	(50)	[165.8925]	ND	(120)	[414.0786]	ND	(100)	[347.2222]	ND	(24)	[81.30081]
Silver	ND	(1.7)	[165.8925]	ND	(4.1)	[414.0786]	ND	(3.5)	[347.2222]	ND	(0.81)	[81.30081]
Sodium	2000	(170)	[165.8925]	2100	(410)	[414.0786]	1900	(350)	[347.2222]	350	(81)	[81.30081]
Thallium	ND	(17)	[165.8925]	ND	(41)	[414.0786]	ND	(35)	[347.2222]	ND	(8.1)	[81.30081]
Vanadium	9.2	(3.3)	[165.8925]	16	(8.3)	[414.0786]	54	(6.9)	[347.2222]	25	(1.6)	[81.30081]
Zinc	40	(3.3)	[165.8925]	28	(8.3)	[414.0786]	290	(6.9)	[347.2222]	48	(1.6)	[81.30081]
SW7060 - Arsenic (mg/kg)												
Arsenic	4.6	(0.66)	[165.8925]	35	(3.3)	[828.1573]	32	(2.8)	[694.4444]	6.5	(0.71)	[176.3668]
SW7421 - Lead (mg/kg)												
Lead	2.9 B	(0.5)	[165.8925]	11	(1.2)	[414.0786]	53	(4.2)	[1388.888]	15	(1.1)	[352.7336]

Compiled: 21 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	09
	07-SS-03	07-SS-04	07-SS-05	09-MW-01
	07-SS-03-01	07-SS-04-01	07-SS-05-01	09-MW-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3

SW7471 - Mercury (mg/kg)				
Mercury	0.2	(0.1) [568.1818]	0.53	(0.3) [1666.666]
			0.78	(0.2) [1086.956]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.83) [165.8925]	ND	(2.1) [414.0786]
			ND	(1.7) [347.2222]
SW846 - Percent Moisture (%)				
Percent moisture	56	() [1]	85	() [1]
			80	() [1]
			0.85	(0.41) [81.53946]
			16	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	09	09	09	09	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-05
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	2.5 - 4

SW6010 - Metals (mg/kg)										
Aluminum	12000	(20)	[99.0099]	5000	(17)	[84.0336]	10000	(18)	[87.71929]	14000
Antimony	ND	(9.9)	[99.0099]	ND	(8.4)	[84.0336]	ND	(8.8)	[87.71929]	ND
Arsenic	ND	(30)	[99.0099]	ND	(25)	[84.0336]	ND	(26)	[87.71929]	ND
Barium	210	(0.99)	[99.0099]	77	(0.84)	[84.0336]	180	(0.88)	[87.71929]	210
Beryllium	0.24	(0.2)	[99.0099]	ND	(0.17)	[84.0336]	0.2	(0.18)	[87.71929]	0.32
Cadmium	ND	(0.5)	[99.0099]	ND	(0.42)	[84.0336]	ND	(0.44)	[87.71929]	ND
Calcium	18000	(99)	[99.0099]	2900	(84)	[84.0336]	12000	(88)	[87.71929]	16000
Chromium	25	(0.99)	[99.0099]	11	(0.84)	[84.0336]	22	(0.88)	[87.71929]	28
Cobalt	9.6	(0.99)	[99.0099]	6.3	(0.84)	[84.0336]	8.9	(0.88)	[87.71929]	13
Copper	27	(2)	[99.0099]	15	(1.7)	[84.0336]	26	(1.8)	[87.71929]	32
Iron	23000	(5)	[99.0099]	9700	(4.2)	[84.0336]	20000	(4.4)	[87.71929]	25000
Lead	9.9	(5)	[99.0099]	ND	(4.2)	[84.0336]	35	(4.4)	[87.71929]	7.5
Magnesium	7900	(99)	[99.0099]	2600	(84)	[84.0336]	6400	(88)	[87.71929]	8300
Manganese	410	(0.99)	[99.0099]	200	(0.84)	[84.0336]	370	(0.88)	[87.71929]	500
Molybdenum	ND	(5)	[99.0099]	ND	(4.2)	[84.0336]	ND	(4.4)	[87.71929]	ND
Nickel	29	(2)	[99.0099]	14	(1.7)	[84.0336]	24	(1.8)	[87.71929]	32
Potassium	1200	(300)	[99.0099]	500	(250)	[84.0336]	1100	(260)	[87.71929]	1300
Selenium	ND	(30)	[99.0099]	ND	(25)	[84.0336]	ND	(26)	[87.71929]	ND
Silver	ND	(0.99)	[99.0099]	ND	(0.84)	[84.0336]	ND	(0.88)	[87.71929]	ND
Sodium	470	(99)	[99.0099]	120	(84)	[84.0336]	330	(88)	[87.71929]	460
Thallium	ND	(9.9)	[99.0099]	ND	(8.4)	[84.0336]	ND	(8.8)	[87.71929]	ND
Vanadium	45	(2)	[99.0099]	19	(1.7)	[84.0336]	38	(1.8)	[87.71929]	46
Zinc	68	(2)	[99.0099]	28	(1.7)	[84.0336]	78	(1.8)	[87.71929]	74
SW7060 - Arsenic (mg/kg)										
Arsenic	11	(1.4)	[346.7105]	5	(0.34)	[84.88964]	7.8	(1.6)	[397.5352]	14
SW7421 - Lead (mg/kg)										
Lead	9.1	(1)	[346.7105]	3.3	(0.25)	[84.88964]	15	(1.2)	[397.5352]	8.8

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
	09	09	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-02	09-MW-05
	09-MW-02-02	09-MW-03-02	09-MW-04-02	09-MW-05-02	09-MW-02	09-MW-05-02
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4	2.5 - 4	2.5 - 4
SW7471 - Mercury (mg/kg)						
Mercury	0.064 B	(0.054) [301.2048]	0.12	(0.056) [309.5975]	ND	(0.058) [320.5128]
SW7740 - Selenium (mg/kg)						
Selenium	1.5	(0.49) [98.75567]	ND	(0.42) [84.88964]	1.1	(0.44) [87.81173]
SW846 - Percent Moisture (%)						
Percent moisture	17	() [1]	5	() [1]	22	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	09		09		09		09			09
	09-MW-06	09-MW-06	09-DS-01	Dup of 09-MW-06-02	09-SS-01	09-SS-01-01	09-SS-02	09-SS-02-01	09-SS-02-01	09-SS-02-01
	4 - 7	4 - 7	4 - 7	4 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW6010 - Metals (mg/kg)										
Aluminum	9400	(25) [124.4709]	7000	(24) [118.7084]	9100	(17) [83.29168]	6300	(24) [118.4553]		
Antimony	ND	(12) [124.4709]	ND	(12) [118.7084]	ND	(8.3) [83.29168]	ND	(12) [118.4553]		
Arsenic	ND	(37) [124.4709]	ND	(36) [118.7084]	ND	(25) [83.29168]	ND	(36) [118.4553]		
Barium	150	(1.2) [124.4709]	120	(1.2) [118.7084]	96	(0.83) [83.29168]	94	(1.2) [118.4553]		
Beryllium	ND	(0.25) [124.4709]	ND	(0.24) [118.7084]	0.2	(0.17) [83.29168]	ND	(0.24) [118.4553]		
Cadmium	ND	(0.62) [124.4709]	ND	(0.59) [118.7084]	ND	(0.42) [83.29168]	ND	(0.59) [118.4553]		
Calcium	8800	(120) [124.4709]	6900	(120) [118.7084]	8000	(83) [83.29168]	7600	(120) [118.4553]		
Chromium	20	(1.2) [124.4709]	15	(1.2) [118.7084]	15	(0.83) [83.29168]	14	(1.2) [118.4553]		
Cobalt	9.5	(1.2) [124.4709]	6.8	(1.2) [118.7084]	10	(0.83) [83.29168]	8.1	(1.2) [118.4553]		
Copper	20	(2.5) [124.4709]	15	(2.4) [118.7084]	20	(1.7) [83.29168]	14	(2.4) [118.4553]		
Iron	18000	(6.2) [124.4709]	14000	(5.9) [118.7084]	17000	(4.2) [83.29168]	13000	(5.9) [118.4553]		
Lead	14	(6.2) [124.4709]	7.2	(5.9) [118.7084]	17	(4.2) [83.29168]	12	(5.9) [118.4553]		
Magnesium	5700	(120) [124.4709]	4100	(120) [118.7084]	4500	(83) [83.29168]	3900	(120) [118.4553]		
Manganese	340	(1.2) [124.4709]	280	(1.2) [118.7084]	330	(0.83) [83.29168]	240	(1.2) [118.4553]		
Molybdenum	ND	(6.2) [124.4709]	ND	(5.9) [118.7084]	ND	(4.2) [83.29168]	ND	(5.9) [118.4553]		
Nickel	22	(2.5) [124.4709]	16	(2.4) [118.7084]	23	(1.7) [83.29168]	18	(2.4) [118.4553]		
Potassium	1100	(370) [124.4709]	920	(360) [118.7084]	650	(250) [83.29168]	780	(360) [118.4553]		
Selenium	ND	(37) [124.4709]	ND	(36) [118.7084]	ND	(25) [83.29168]	ND	(36) [118.4553]		
Silver	ND	(1.2) [124.4709]	ND	(1.2) [118.7084]	ND	(0.83) [83.29168]	ND	(1.2) [118.4553]		
Sodium	260	(120) [124.4709]	190	(120) [118.7084]	170	(83) [83.29168]	160	(120) [118.4553]		
Thallium	ND	(12) [124.4709]	ND	(12) [118.7084]	ND	(8.3) [83.29168]	ND	(12) [118.4553]		
Vanadium	35	(2.5) [124.4709]	26	(2.4) [118.7084]	33	(1.7) [83.29168]	24	(2.4) [118.4553]		
Zinc	54	(2.5) [124.4709]	41	(2.4) [118.7084]	110	(1.7) [83.29168]	53	(2.4) [118.4553]		
SW7060 - Arsenic (mg/kg)										
Arsenic	8.3	(0.9) [224.3460]	6.7	(0.48) [121.0360]	6.7	(0.65) [162.1073]	6.3	(0.55) [136.5224]		
SW7421 - Lead (mg/kg)										
Lead	7.2	(0.67) [224.9212]	7.1	(0.73) [242.0721]	9.4	(0.48) [161.1863]	7.6	(0.82) [273.8600]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	09	09	09	09
	09-MW-06	09-MW-06	09-SS-01	09-SS-02
	09-MW-06-02	09-DS-01 Dup of 09-MW-06-02	09-SS-01-01	09-SS-02-01
	4 - 7	4 - 7	0 - 0.5	0 - 0.5

SW7471 - Mercury (mg/kg)				
Mercury	0.15	(0.064) [356.1253]	0.13	(0.051) [280.5836]
			0.097 B	(0.054) [302.4803]
				0.15
				(0.079) [438.9815]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.56) [112.4606]	ND	(0.61) [121.0360]
				(0.4) [80.59316]
SW846 - Percent Moisture (%)				
Percent moisture	22	() [1]	19	() [1]
			13	() [1]
				33
				() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		10		10		10		10	
	SAMPLE ID		10-MW-01		10-MW-01		10-MW-01		10-MW-02	
	BEG. DEPTH - END DEPTH (FT.)		10-MW-01-01 3 - 6		Dup of 10-MW-01-01 3 - 6		10-MW-01-01 3 - 6		10-MW-02-01 4 - 5.5	

SW6010 - Metals (mg/kg)										
Aluminum	11000	(22) [110.2292]	10000	(18) [88.49557]	11000	(18) [88.49557]	14000	(19) [96.15384]		
Antimony	ND	(11) [110.2292]	ND	(8.8) [88.49557]	ND	(8.8) [88.49557]	ND	(9.6) [96.15384]		
Arsenic	ND	(33) [110.2292]	ND	(27) [88.49557]	ND	(27) [88.49557]	ND	(29) [96.15384]		
Barium	200	(1.1) [110.2292]	180	(0.88) [88.49557]	190	(0.88) [88.49557]	260	(0.96) [96.15384]		
Beryllium	0.32	(0.22) [110.2292]	0.26	(0.18) [88.49557]	0.26	(0.18) [88.49557]	0.38	(0.19) [96.15384]		
Cadmium	ND	(0.55) [110.2292]	ND	(0.44) [88.49557]	ND	(0.44) [88.49557]	ND	(0.48) [96.15384]		
Calcium	19000	(110) [110.2292]	14000	(88) [88.49557]	15000	(88) [88.49557]	12000	(96) [96.15384]		
Chromium	25	(1.1) [110.2292]	22	(0.88) [88.49557]	22	(0.88) [88.49557]	31	(0.96) [96.15384]		
Cobalt	13	(1.1) [110.2292]	10	(0.88) [88.49557]	9.9	(0.88) [88.49557]	13	(0.96) [96.15384]		
Copper	35	(2.2) [110.2292]	30	(1.8) [88.49557]	27	(1.8) [88.49557]	69	(1.9) [96.15384]		
Iron	25000	(5.5) [110.2292]	21000	(4.4) [88.49557]	22000	(4.4) [88.49557]	30000	(4.8) [96.15384]		
Lead	22	(5.5) [110.2292]	9	(4.4) [88.49557]	ND	(4.4) [88.49557]	16	(4.8) [96.15384]		
Magnesium	8700	(110) [110.2292]	6900	(88) [88.49557]	7400	(88) [88.49557]	8900	(96) [96.15384]		
Manganese	500	(1.1) [110.2292]	410	(0.88) [88.49557]	410	(0.88) [88.49557]	500	(0.96) [96.15384]		
Molybdenum	ND	(5.5) [110.2292]	ND	(4.4) [88.49557]	ND	(4.4) [88.49557]	ND	(4.8) [96.15384]		
Nickel	28	(2.2) [110.2292]	25	(1.8) [88.49557]	26	(1.8) [88.49557]	38	(1.9) [96.15384]		
Potassium	1200	(330) [110.2292]	1100	(270) [88.49557]	1100	(270) [88.49557]	1400	(290) [96.15384]		
Selenium	ND	(33) [110.2292]	ND	(27) [88.49557]	ND	(27) [88.49557]	ND	(29) [96.15384]		
Silver	ND	(1.1) [110.2292]	ND	(0.88) [88.49557]	ND	(0.88) [88.49557]	ND	(0.96) [96.15384]		
Sodium	370	(110) [110.2292]	320	(88) [88.49557]	370	(88) [88.49557]	420	(96) [96.15384]		
Thallium	ND	(11) [110.2292]	ND	(8.8) [88.49557]	ND	(8.8) [88.49557]	ND	(9.6) [96.15384]		
Vanadium	41	(2.2) [110.2292]	38	(1.8) [88.49557]	40	(1.8) [88.49557]	50	(1.9) [96.15384]		
Zinc	100	(2.2) [110.2292]	76	(1.8) [88.49557]	68	(1.8) [88.49557]	110	(1.9) [96.15384]		

SW7060 - Arsenic (mg/kg)										
Arsenic	15	(1.8) [444.4444]	8.5	(0.81) [201.3490]	12	(0.72) [179.5493]	17	(1.5) [367.8160]		

SW7421 - Lead (mg/kg)										
Lead	17	(1.3) [444.4444]	15	(1.2) [402.6980]	9.4	(1.1) [359.0986]	13	(1.1) [367.8160]		

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	09	10	10	10	10	10	10	10	10	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-02
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5

SW7471 - Mercury (mg/kg)	0.12	(0.054)	[301.9323]	ND	(0.047)	[259.7402]	0.081 B	(0.063)	[351.6174]	ND	(0.057)	[317.4603]
Mercury												
SW7740 - Selenium (mg/kg)	ND	(0.56)	[111.1111]	0.99	(0.5)	[100.6745]	1.4	(0.45)	[89.77466]	1.8	(0.48)	[95.92326]
Selenium												
SW846 - Percent Moisture (%)	28	()	[1]	23	()	[1]	21	()	[1]	25	()	[1]
Percent moisture												

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	10	10	10	10	10	10	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01-01	10-SB-01-02	10-SB-01-02	10-SB-01-02	10-SB-02-01	10-SB-02-01
	4 - 6	2 - 4	2 - 4	2 - 4	2 - 4	5 - 7	5 - 7	5 - 7	1 - 3	1 - 3
<hr/>										
SW6010 - Metals (mg/kg)										
Aluminum	15000	(23) [113.6363]	7400	(15) [75.18796]	13000	(18) [90.90908]	7100	(18) [87.71929]		
Antimony	ND	(11) [113.6363]	ND	(7.5) [75.18796]	ND	(9.1) [90.90908]	ND	(8.8) [87.71929]		
Arsenic	ND	(34) [113.6363]	ND	(23) [75.18796]	ND	(27) [90.90908]	ND	(26) [87.71929]		
Barium	300	(1.1) [113.6363]	120	(0.75) [75.18796]	250	(0.91) [90.90908]	140	(0.88) [87.71929]		
Beryllium	0.42	(0.23) [113.6363]	0.19	(0.15) [75.18796]	0.36	(0.18) [90.90908]	0.19	(0.18) [87.71929]		
Cadmium	ND	(0.57) [113.6363]	ND	(0.38) [75.18796]	ND	(0.45) [90.90908]	ND	(0.44) [87.71929]		
Calcium	15000	(110) [113.6363]	8300	(75) [75.18796]	18000	(91) [90.90908]	9600	(88) [87.71929]		
Chromium	33	(1.1) [113.6363]	16	(0.75) [75.18796]	28	(0.91) [90.90908]	16	(0.88) [87.71929]		
Cobalt	12	(1.1) [113.6363]	7.2	(0.75) [75.18796]	12	(0.91) [90.90908]	7	(0.88) [87.71929]		
Copper	43	(2.3) [113.6363]	62	(1.5) [75.18796]	41	(1.8) [90.90908]	21	(1.8) [87.71929]		
Iron	29000	(5.7) [113.6363]	15000	(3.8) [75.18796]	28000	(4.5) [90.90908]	15000	(4.4) [87.71929]		
Lead	7.9	(5.7) [113.6363]	6.6	(3.8) [75.18796]	6.2	(4.5) [90.90908]	11	(4.4) [87.71929]		
Magnesium	8900	(110) [113.6363]	4800	(75) [75.18796]	9200	(91) [90.90908]	4700	(88) [87.71929]		
Manganese	640	(1.1) [113.6363]	280	(0.75) [75.18796]	560	(0.91) [90.90908]	270	(0.88) [87.71929]		
Molybdenum	ND	(5.7) [113.6363]	ND	(3.8) [75.18796]	ND	(4.5) [90.90908]	ND	(4.4) [87.71929]		
Nickel	39	(2.3) [113.6363]	19	(1.5) [75.18796]	31	(1.8) [90.90908]	19	(1.8) [87.71929]		
Potassium	1700	(340) [113.6363]	780	(230) [75.18796]	1300	(270) [90.90908]	770	(260) [87.71929]		
Selenium	ND	(34) [113.6363]	ND	(23) [75.18796]	ND	(27) [90.90908]	ND	(26) [87.71929]		
Silver	ND	(1.1) [113.6363]	ND	(0.75) [75.18796]	ND	(0.91) [90.90908]	ND	(0.88) [87.71929]		
Sodium	400	(110) [113.6363]	220	(75) [75.18796]	400	(91) [90.90908]	190	(88) [87.71929]		
Thallium	ND	(11) [113.6363]	ND	(7.5) [75.18796]	ND	(9.1) [90.90908]	ND	(8.8) [87.71929]		
Vanadium	55	(2.3) [113.6363]	28	(1.5) [75.18796]	45	(1.8) [90.90908]	29	(1.8) [87.71929]		
Zinc	100	(2.3) [113.6363]	67	(1.5) [75.18796]	90	(1.8) [90.90908]	52	(1.8) [87.71929]		
<hr/>										
SW7060 - Arsenic (mg/kg)										
Arsenic	11	(0.79) [197.1025]	7.6	(0.73) [182.1493]	13	(1.5) [363.2730]	7.7	(0.71) [178.2848]		
<hr/>										
SW7421 - Lead (mg/kg)										
Lead	8.5	(1.2) [394.2051]	11	(1.1) [364.2987]	9.6	(1.1) [363.2730]	29	(2.4) [800.2560]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	10		10		10		10		10		10	
	10-MW-03		10-SB-01		10-SB-01		10-SB-01		10-SB-02		10-SB-02	
	10-MW-03-01		10-SB-01-01		10-SB-01-02		10-SB-01-02		10-SB-02-01		10-SB-02-01	
	4 - 6		2 - 4		5 - 7		1 - 3					
SW7471 - Mercury (mg/kg)												
Mercury	0.097 B	(0.059)	[326.1578]	ND	(0.045)	[252.5252]	0.073 B	(0.047)	[259.7402]	ND	(0.064)	[355.1136]
SW7740 - Selenium (mg/kg)												
Selenium	1.1	(0.57)	[113.2118]	1.6	(0.46)	[91.07468]	2.2	(0.45)	[90.81827]	1	(0.4)	[80.02560]
SW846 - Percent Moisture (%)												
Percent moisture	27	()	[1]	10	()	[1]	23	()	[1]	12	()	[1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
SW6010 - Metals (mg/kg)	Aluminum	13000	(73) [363.6363]	5900	(15) [74.07407]	12000	(19) [96.15384]	9900	(19) [93.45793]	
	Antimony	ND	(36) [363.6363]	ND	(7.4) [74.07407]	ND	(9.6) [96.15384]	ND	(9.3) [93.45793]	
	Arsenic	ND	(110) [363.6363]	ND	(22) [74.07407]	ND	(29) [96.15384]	ND	(28) [93.45793]	
	Barium	240	(3.6) [363.6363]	87	(0.74) [74.07407]	170	(0.96) [96.15384]	150	(0.93) [93.45793]	
	Beryllium	ND	(0.73) [363.6363]	ND	(0.15) [74.07407]	ND	(0.19) [96.15384]	ND	(0.19) [93.45793]	
	Cadmium	ND	(1.8) [363.6363]	0.53	(0.37) [74.07407]	ND	(0.48) [96.15384]	ND	(0.47) [93.45793]	
	Calcium	19000	(360) [363.6363]	3700	(74) [74.07407]	14000	(96) [96.15384]	11000	(93) [93.45793]	
	Chromium	27	(3.6) [363.6363]	14	(0.74) [74.07407]	24	(0.96) [96.15384]	20	(0.93) [93.45793]	
	Cobalt	12	(3.6) [363.6363]	5.8	(0.74) [74.07407]	9.1	(0.96) [96.15384]	8.5	(0.93) [93.45793]	
	Copper	33	(7.3) [363.6363]	13	(1.5) [74.07407]	25	(1.9) [96.15384]	25	(1.9) [93.45793]	
SW7060 - Arsenic (mg/kg)	Iron	28000	(18) [363.6363]	12000	(3.7) [74.07407]	22000	(4.8) [96.15384]	21000	(4.7) [93.45793]	
	Lead	ND	(18) [363.6363]	28	(3.7) [74.07407]	10	(4.8) [96.15384]	6.7	(4.7) [93.45793]	
	Magnesium	9500	(360) [363.6363]	3200	(74) [74.07407]	7500	(96) [96.15384]	6300	(93) [93.45793]	
	Manganese	520	(3.6) [363.6363]	190	(0.74) [74.07407]	360	(0.96) [96.15384]	340	(0.93) [93.45793]	
	Molybdenum	ND	(18) [363.6363]	ND	(3.7) [74.07407]	ND	(4.8) [96.15384]	ND	(4.7) [93.45793]	
	Nickel	32	(7.3) [363.6363]	17	(1.5) [74.07407]	27	(1.9) [96.15384]	23	(1.9) [93.45793]	
	Potassium	1200	(1100) [363.6363]	560	(220) [74.07407]	1100	(290) [96.15384]	860	(280) [93.45793]	
	Selenium	ND	(110) [363.6363]	ND	(22) [74.07407]	ND	(29) [96.15384]	ND	(28) [93.45793]	
	Silver	ND	(3.6) [363.6363]	ND	(0.74) [74.07407]	ND	(0.96) [96.15384]	ND	(0.93) [93.45793]	
	Sodium	420	(360) [363.6363]	170	(74) [74.07407]	530	(96) [96.15384]	440	(93) [93.45793]	
SW7421 - Lead (mg/kg)	Thallium	ND	(36) [363.6363]	ND	(7.4) [74.07407]	ND	(9.6) [96.15384]	ND	(9.3) [93.45793]	
	Vanadium	46	(7.3) [363.6363]	24	(1.5) [74.07407]	44	(1.9) [96.15384]	39	(1.9) [93.45793]	
	Zinc	88	(7.3) [363.6363]	36	(1.5) [74.07407]	60	(1.9) [96.15384]	54	(1.9) [93.45793]	
	Arsenic	12	(0.83) [208.3333]	5.2	(0.33) [81.40008]	11	(0.8) [200.5012]	10	(0.81) [201.3490]	
	Lead	8.9	(1.2) [416.6666]	39	(2.4) [814.0008]	9.8	(1.2) [401.0025]	6.8	(0.6) [201.3490]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03
	10-SB-02-02	10-SB-03-01	10-SB-03-02	10-SB-03-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5

SW7471 - Mercury (mg/kg)				
Mercury	ND	(0.057) [317.4603]	ND	(0.047) [261.6431]
SW7740 - Selenium (mg/kg)				
Selenium	1.8	(0.52) [104.1666]	0.53	(0.37) [74.25007]
SW846 - Percent Moisture (%)				
Percent moisture	25	() [1]	9	() [1]
			25	() [1]
			ND	(0.06) [333.3333]
			1	(0.48) [95.92326]
			1	(0.5) [99.92006]
			23	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		10		10	
							10-SS-01		10-SS-02	
	10-SS-01-01 0 - 0.5		10-SS-01-01 0 - 0.5		10-SS-02-01 0 - 0.5		10-SS-03-01 0 - 0.5		10-SS-03 Dup of 10-SS-03-01 0 - 0.5	

SW6010 - Metals (mg/kg)										
Aluminum	7600	(15) [76.33588]	6500	(14) [69.44444]	6300	(15) [72.9927]	5300	(13) [67.11409]		
Antimony	ND	(7.6) [76.33588]	ND	(6.9) [69.44444]	8.2	(7.3) [72.9927]	ND	(6.7) [67.11409]		
Arsenic	ND	(23) [76.33588]	ND	(21) [69.44444]	ND	(22) [72.9927]	ND	(20) [67.11409]		
Barium	140	(0.76) [76.33588]	110	(0.69) [69.44444]	98	(0.73) [72.9927]	82	(0.67) [67.11409]		
Beryllium	ND	(0.15) [76.33588]	ND	(0.14) [69.44444]	ND	(0.15) [72.9927]	ND	(0.13) [67.11409]		
Cadmium	2	(0.38) [76.33588]	0.6	(0.35) [69.44444]	ND	(0.36) [72.9927]	ND	(0.34) [67.11409]		
Calcium	7700	(76) [76.33588]	5400	(69) [69.44444]	4700	(73) [72.9927]	4100	(67) [67.11409]		
Chromium	16	(0.76) [76.33588]	14	(0.69) [69.44444]	11	(0.73) [72.9927]	9.5	(0.67) [67.11409]		
Cobalt	7.5	(0.76) [76.33588]	7	(0.69) [69.44444]	7.1	(0.73) [72.9927]	5.6	(0.67) [67.11409]		
Copper	20	(1.5) [76.33588]	32	(1.4) [69.44444]	47	(1.5) [72.9927]	44	(1.3) [67.11409]		
Iron	15000	(3.8) [76.33588]	13000	(3.5) [69.44444]	14000	(3.6) [72.9927]	11000	(3.4) [67.11409]		
Lead	15	(3.8) [76.33588]	24	(3.5) [69.44444]	17	(3.6) [72.9927]	19	(3.4) [67.11409]		
Magnesium	4500	(76) [76.33588]	3300	(69) [69.44444]	3300	(73) [72.9927]	2500	(67) [67.11409]		
Manganese	260	(0.76) [76.33588]	230	(0.69) [69.44444]	210	(0.73) [72.9927]	180	(0.67) [67.11409]		
Molybdenum	ND	(3.8) [76.33588]	ND	(3.5) [69.44444]	ND	(3.6) [72.9927]	ND	(3.4) [67.11409]		
Nickel	19	(1.5) [76.33588]	15	(1.4) [69.44444]	16	(1.5) [72.9927]	12	(1.3) [67.11409]		
Potassium	740	(230) [76.33588]	660	(210) [69.44444]	530	(220) [72.9927]	510	(200) [67.11409]		
Selenium	ND	(23) [76.33588]	ND	(21) [69.44444]	ND	(22) [72.9927]	ND	(20) [67.11409]		
Silver	ND	(0.76) [76.33588]	ND	(0.69) [69.44444]	ND	(0.73) [72.9927]	ND	(0.67) [67.11409]		
Sodium	200	(76) [76.33588]	210	(69) [69.44444]	140	(73) [72.9927]	120	(67) [67.11409]		
Thallium	ND	(7.6) [76.33588]	ND	(6.9) [69.44444]	ND	(7.3) [72.9927]	ND	(6.7) [67.11409]		
Vanadium	31	(1.5) [76.33588]	24	(1.4) [69.44444]	25	(1.5) [72.9927]	19	(1.3) [67.11409]		
Zinc	55	(1.5) [76.33588]	110	(1.4) [69.44444]	150	(1.5) [72.9927]	160	(1.3) [67.11409]		
SW7060 - Arsenic (mg/kg)										
Arsenic	6.8	(0.61) [152.8701]	47	(3.7) [927.6437]	23	(1.5) [365.7430]	32	(2.7) [671.2310]		
SW7421 - Lead (mg/kg)										
Lead	14	(0.92) [305.7402]	21	(2.1) [694.4926]	22	(2.2) [731.4860]	28	(2) [671.2310]		

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	10	10	10	10
	10-SS-01	10-SS-02	10-SS-03	10-SS-03
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	10-DS-02 Dup of 10-SS-03-01
				0 - 0.5
SW7471 - Mercury (mg/kg)				
Mercury	0.089 B	(0.046) [255.3626]	0.093 B	(0.051) [281.4522]
SW7740 - Selenium (mg/kg)			0.094 B	(0.047) [261.5062]
Selenium	ND	(0.38) [76.43506]	ND	(0.37) [73.14860]
SW846 - Percent Moisture (%)			ND	(0.34) [67.12310]
Percent moisture	20	() [1]	12	() [1]
			8.9	() [1]
				9.1
				() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10	11	10	11	10	11
	10-SS-04	10-SS-05	10-SS-06	11-SB-01	10-SS-06	11-SB-01
	10-SS-04-01	10-SS-05-01	10-SS-06-01	11-SB-01-01	10-SS-06-01	11-SB-01-01
	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4	0 - 0.5	2 - 4

SW6010 - Metals (mg/kg)						
Aluminum	9300	(17) [86.20689]	18000	(32) [162]	16000	(31) [155]
Antimony	ND	(8.6) [86.20689]	ND	(16) [162]	ND	(16) [155]
Arsenic	ND	(26) [86.20689]	ND	(49) [162]	ND	(46) [155]
Barium	150	(0.86) [86.20689]	340	(1.6) [162]	230	(1.6) [155]
Beryllium	ND	(0.17) [86.20689]	ND	(0.32) [162]	ND	(0.31) [155]
Cadmium	ND	(0.43) [86.20689]	1.4	(0.81) [162]	0.81	(0.78) [155]
Calcium	7300	(86) [86.20689]	12000	(160) [162]	7800	(160) [155]
Chromium	18	(0.86) [86.20689]	39	(1.6) [162]	30	(1.6) [155]
Cobalt	8.3	(0.86) [86.20689]	16	(1.6) [162]	16	(1.6) [155]
Copper	14	(1.7) [86.20689]	36	(3.2) [162]	31	(3.1) [155]
Iron	15000	(4.3) [86.20689]	30000	(8.1) [162]	28000	(7.8) [155]
Lead	19	(4.3) [86.20689]	88	(8.1) [162]	57	(7.8) [155]
Magnesium	4500	(86) [86.20689]	9100	(160) [162]	7000	(160) [155]
Manganese	280	(0.86) [86.20689]	520	(1.6) [162]	520	(1.6) [155]
Molybdenum	ND	(4.3) [86.20689]	ND	(8.1) [162]	ND	(7.8) [155]
Nickel	20	(1.7) [86.20689]	40	(3.2) [162]	39	(3.1) [155]
Potassium	930	(260) [86.20689]	2100	(490) [162]	1600	(460) [155]
Selenium	ND	(26) [86.20689]	ND	(49) [162]	ND	(46) [155]
Silver	ND	(0.86) [86.20689]	ND	(1.6) [162]	ND	(1.6) [155]
Sodium	240	(86) [86.20689]	510	(160) [162]	410	(160) [155]
Thallium	ND	(8.6) [86.20689]	ND	(16) [162]	ND	(16) [155]
Vanadium	33	(1.7) [86.20689]	61	(3.2) [162]	62	(3.1) [155]
Zinc	47	(1.7) [86.20689]	180	(3.2) [162]	160	(3.1) [155]
SW7060 - Arsenic (mg/kg)						
Arsenic	4.5	(0.29) [71.91657]	6.1	(0.64) [160.5136]	5.6	(0.6) [148.8205]
SW7421 - Lead (mg/kg)						
Lead	17	(0.86) [287.6663]	45	(2.4) [802.5682]	53	(4.5) [1488.205]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	10		10		10		10	
	10-SS-04 0 - 0.5		10-SS-05 10-SS-05-01 0 - 0.5		10-SS-06 10-SS-06-01 0 - 0.5		11 11-SB-01 11-SB-01-01 2 - 4	
SW7471 - Mercury (mg/kg)	0.094 B	(0.049) [269.6871]	0.14	(0.04) [224.7191]	0.11	(0.056) [312.1098]	0.11	(0.061) [337.8378]
Mercury	ND	(0.36) [71.91657]	ND	(0.4) [80.25682]	ND	(0.36) [71.56659]	ND	(0.47) [93.19664]
SW7740 - Selenium (mg/kg)	19	() [1]	30	() [1]	8.5	() [1]	26	() [1]
Selenium								
SW846 - Percent Moisture (%)								
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID	
	11		11		11		12	
	11-SB-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	12-MW-01	12-MW-01
	11-SB-01-02	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	12-MW-01-02	12-MW-01-02
	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 7	5 - 7

SW6010 - Metals (mg/kg)								
Aluminum	8700	(18)	[90.90908]	9700	(17)	[86.95652]	10000	(16)
Antimony	ND	(9.1)	[90.90908]	ND	(8.7)	[86.95652]	ND	(8)
Arsenic	ND	(27)	[90.90908]	68	(26)	[86.95652]	28	(24)
Barium	160	(0.91)	[90.90908]	210	(0.87)	[86.95652]	190	(0.8)
Beryllium	0.24	(0.18)	[90.90908]	0.25	(0.17)	[86.95652]	0.28	(0.16)
Cadmium	ND	(0.45)	[90.90908]	ND	(0.43)	[86.95652]	0.76	(0.4)
Calcium	12000	(91)	[90.90908]	15000	(87)	[86.95652]	13000	(80)
Chromium	18	(0.91)	[90.90908]	22	(0.87)	[86.95652]	27	(0.8)
Cobalt	8.8	(0.91)	[90.90908]	13	(0.87)	[86.95652]	11	(0.8)
Copper	24	(1.8)	[90.90908]	260	(1.7)	[86.95652]	110	(1.6)
Iron	19000	(4.5)	[90.90908]	31000	(4.3)	[86.95652]	24000	(4)
Lead	ND	(4.5)	[90.90908]	69	(4.3)	[86.95652]	34	(4)
Magnesium	6500	(91)	[90.90908]	6100	(87)	[86.95652]	6400	(80)
Manganese	380	(0.91)	[90.90908]	410	(0.87)	[86.95652]	360	(0.8)
Molybdenum	ND	(4.5)	[90.90908]	6.2	(4.3)	[86.95652]	ND	(4)
Nickel	29	(1.8)	[90.90908]	24	(1.7)	[86.95652]	27	(1.6)
Potassium	740	(270)	[90.90908]	1200	(260)	[86.95652]	1100	(240)
Selenium	ND	(27)	[90.90908]	ND	(26)	[86.95652]	ND	(24)
Silver	ND	(0.91)	[90.90908]	ND	(0.87)	[86.95652]	ND	(0.8)
Sodium	290	(91)	[90.90908]	270	(87)	[86.95652]	340	(80)
Thallium	ND	(9.1)	[90.90908]	ND	(8.7)	[86.95652]	ND	(8)
Vanadium	30	(1.8)	[90.90908]	36	(1.7)	[86.95652]	38	(1.6)
Zinc	58	(1.8)	[90.90908]	1100	(1.7)	[86.95652]	450	(1.6)

SW7060 - Arsenic (mg/kg)								
Arsenic	8.5	(0.78)	[194.7419]	32	(3.5)	[880.9020]	38	(3.3)

SW7421 - Lead (mg/kg)								
Lead	11	(1.2)	[389.4839]	42	(2.6)	[880.9020]	36	(2.5)

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID				SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)							
	11	11	11	11	11	11	11	12
	11-SB-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	11-SS-01	12-MW-01
	11-SB-01-02	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	11-SS-01-01	12-MW-01-02
	5 - 7	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 7
SW7471 - Mercury (mg/kg)								
Mercury	ND	(0.054) [301.3863]	ND	(0.062) [341.9972]	0.072 B	(0.037) [206.6115]	0.081 B	(0.041) [225.9784]
SW7740 - Selenium (mg/kg)								
Selenium	ND	(0.49) [97.37098]	ND	(0.44) [88.09020]	0.62	(0.41) [82.34519]	ND	(0.37) [73.20429]
SW846 - Percent Moisture (%)								
Percent moisture	21	() [1]	14	() [1]	12	() [1]	3.8	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

12
12-MW-02
12-MW-02-02
10 - 12

PARAMETER			
SW6010 - Metals (mg/kg)			
Aluminum	4600	(16)	[81.30081]
Antimony	13	(8.1)	[81.30081]
Arsenic	ND	(24)	[81.30081]
Barium	84	(0.81)	[81.30081]
Beryllium	ND	(0.16)	[81.30081]
Cadmium	ND	(0.41)	[81.30081]
Calcium	2800	(81)	[81.30081]
Chromium	9.4	(0.81)	[81.30081]
Cobalt	5.3	(0.81)	[81.30081]
Copper	10	(1.6)	[81.30081]
Iron	8600	(4.1)	[81.30081]
Lead	ND	(4.1)	[81.30081]
Magnesium	2500	(81)	[81.30081]
Manganese	160	(0.81)	[81.30081]
Molybdenum	ND	(4.1)	[81.30081]
Nickel	12	(1.6)	[81.30081]
Potassium	310	(240)	[81.30081]
Selenium	ND	(24)	[81.30081]
Silver	ND	(0.81)	[81.30081]
Sodium	88	(81)	[81.30081]
Thallium	ND	(8.1)	[81.30081]
Vanadium	19	(1.6)	[81.30081]
Zinc	21	(1.6)	[81.30081]
SW7060 - Arsenic (mg/kg)			
Arsenic	2.4	(0.32)	[81.15829]
SW7421 - Lead (mg/kg)			
Lead	5.6	(0.49)	[162.3165]

Compiled: 21 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

12
12-MW-02
12-MW-02-02
10 - 12

PARAMETER

SW7471 - Mercury (mg/kg)	
Mercury	0.084 B (0.047) [262.7982]
SW7740 - Selenium (mg/kg)	
Selenium	ND (0.41) [81.15829]
SW846 - Percent Moisture (%)	
Percent moisture	9.4 () [1]

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A6-1

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L) Total Alkalinity E120.1 - Specific Conductance (umhos/cm) Specific Conductivity E150.1 - pH, Electrometric (PH UNITS) pH E170.1 - Temperature (degC) Temperature E180.1 - Turbidity (ntu) Turbidity	008	008	04	04
	02-GW-01	02-GW-03	04-MW-02	04-MW-03
	02-GW-01-03	02-GW-03-03	04-MW-02-03	04-MW-03-03
	()	()	()	()
	[1]	[1]	[1]	[1]
	0	570	()	650
	()	()	()	()
	[1]	[1]	[1]	[1]
	480	1060	()	1080
	()	()	()	()
pH E170.1 - Temperature (degC) Temperature E180.1 - Turbidity (ntu) Turbidity	4.5	6.5	()	6.6
	4.5	4	()	3.5
	0.7	66	()	NA
	()	()	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-2

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID	SAMPLE ID		SAMPLE ID		
A403 - Alkalinity (mg/L)						
Total Alkalinity						
E120.1 - Specific Conductance (umhos/cm)						
Specific Conductivity						
E150.1 - pH, Electrometric (PH UNITS)						
pH						
E170.1 - Temperature (degC)						
Temperature						
E180.1 - Turbidity (ntu)						
Turbidity						

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A6-3

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L) Total Alkalinity E120.1 - Specific Conductance (umhos/cm) Specific Conductivity E150.1 - pH, Electrometric (PH UNITS) pH E170.1 - Temperature (degC) Temperature E180.1 - Turbidity (ntu) Turbidity	005	005	005	005
	05-MW-05	05-MW-06	05-MW-13	05-MW-14
	05-MW-05-03	05-MW-06-03	05-MW-13-01	05-MW-14-01
	()	()	()	()
	[1]	[1]	[1]	[1]
	400	644	()	538
	[1]	[1]	()	()
	920	1100	()	930
	[1]	[1]	()	()
	6.75	6.61	()	6.64
E170.1 - Temperature (degC) Temperature E180.1 - Turbidity (ntu) Turbidity	()	()	()	()
	[1]	[1]	()	[1]
	3	1.5	()	2
E180.1 - Turbidity (ntu) Turbidity	()	()	()	()
	[1]	[1]	NA	NA
	9.8	NA		

Compiled: 17 March 1995

 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
 A6-4

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
A403 - Alkalinity (mg/L)	005		008		008	
Total Alkalinity	05-MW-15		06-MW-01		06-MW-02	
E120.1 - Specific Conductance (umhos/cm)	05-MW-15-01		06-MW-01-03		06-MW-02-03	
Specific Conductivity	890		830		764	
E150.1 - pH, Electrometric (PH UNITS)	6.84		6.67		6.57	
pH	1		6		5	
E170.1 - Temperature (degC)	NA		82		195	
Temperature	NA		82		195	
E180.1 - Turbidity (ntu)	NA		82		195	
Turbidity	NA		82		195	

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-5

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A6-6

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		3	3	3
		07-MW-03	07-SW-03	07-SW-04
		07-MW-03-03	07-SW-03-01	07-SW-04-01
A403 - Alkalinity (mg/L)				
Total Alkalinity	790	0	338	358
E120.1 - Specific Conductance (umhos/cm)		()	()	()
Specific Conductivity	1320	()	1620	1700
E150.1 - pH, Electrometric (PH UNITS)		()	()	()
pH	7.04	()	7.36	6.99
E170.1 - Temperature (degC)		()	()	()
Temperature	3	()	NA	NA
E180.1 - Turbidity (ntu)		()	()	()
Turbidity	96.3	()	NA	NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-7

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor NA = Not Detected * - Value considered suspect, Refer to QC Report

A6-8

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
A403 - Alkalinity (mg/L) Total Alkalinity E120.1 - Specific Conductance (degC) Specific Conductivity E150.1 - pH, Electrometric (umhos/cm) pH E170.1 - Temperature (PH UNITS) Temperature E180.1 - Turbidity (ntu) Turbidity	7	7	7	008
	08-SW-01	08-SW-02	08-SW-03	09-MW-01
	08-SW-01-DS-01 Dup of 08-SW-01-01	08-SW-02-01	08-SW-03-01	09-MW-01-03
	NA	NA	NA	()
	100	()	()	()
	6.39	()	()	()
	0.3	()	()	()
	NA	NA	NA	()
	706	()	()	()
	1220	()	()	()
	6.77	()	()	()
	5	()	()	()
	136	()	()	()

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A6-9

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008
	09-MW-02	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-07
	09-MW-02-03	09-MW-03-03	09-MW-04-03	09-MW-05-03	09-MW-06-03	09-MW-07-03
<hr/>						
A403 - Alkalinity (mg/L)						
Total Alkalinity	600	NA	454	NA	624	NA
E120.1 - Specific Conductance (umhos/cm)						
Specific Conductivity	1060					
E150.1 - pH, Electrometric (PH UNITS)						
pH	6.81					
E170.1 - Temperature (degC)						
Temperature	4.5					
E180.1 - Turbidity (ntu)						
Turbidity	16					

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID SAMPLE ID			
A403 - Alkalinity (mg/L)	008	008	008	008
Total Alkalinity	09-MW-06	09-MW-15	10-MW-01	10-MW-02
E120.1 - Specific Conductance (umhos/cm)	09-MW-06-03	09-MW-15-01	10-MW-01-03	10-MW-02-03
Specific Conductivity				
E150.1 - pH, Electrometric (PH UNITS)				
pH				
E170.1 - Temperature (degC)				
Temperature				
E180.1 - Turbidity (ntu)				
Turbidity				

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-11

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A6-12

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID	
	001	01-MW-01	001	01-MW-02	001	01-MW-07	001	01-MW-08	001	01-MW-08-01
		01-MW-01-03		01-MW-02-03		01-MW-07-01		01-MW-08-01		

Diesel Range Organics (ug/L)	4.00	JB (200)	[1]	4.00	JB (200)	[1]	2.00	JB (200)	[1]	110 J (200) [1]
Diesel Range Organics										
Gasoline Range Organics (ug/L)	610	(100)	[1]	36.0	JB (100)	[1]	30.0	JB (100)	[1]	68.0 J (100) [1]
Gasoline Range Organics										
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	0.00330	KJB (0.0220)	[1]	ND	(0.0400)	[1]	ND	(0.0427)	[1]	ND (0.0427) [1]
1,1,1-Trichloroethane	0.117	KJB (0.150)	[1]	ND	(0.0920)	[1]	0.00160	KJB (0.0924)	[1]	ND (0.0924) [1]
1,1,2,2-Tetrachloroethane	ND	(0.100)	[1]	ND	(0.100)	[1]	ND	(0.104)	[1]	ND (0.104) [1]
1,1,2-Trichloroethane	0.0243	KJ (0.100)	[1]	ND	(0.100)	[1]	ND	(0.102)	[1]	ND (0.102) [1]
1,1-Dichloroethane	ND	(0.0480)	[1]	ND	(0.0480)	[1]	ND	(0.0481)	[1]	ND (0.0481) [1]
1,1-Dichloroethene	ND	(0.100)	[1]	0.00470	JB (0.100)	[1]	ND	(0.0962)	[1]	ND (0.0962) [1]
1,2,3-Trichloropropane	ND	(0.120)	[1]	ND	(0.120)	[1]	ND	(0.115)	[1]	0.0107 KJB (0.115) [1]
1,2-Dichlorobenzene	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.167)	[1]	ND (0.167) [1]
1,2-Dichloroethane	0.00220	PJ (0.0820)	[1]	ND	(0.0540)	[1]	ND	(0.0541)	[1]	0.0727 (0.0541) [1]
1,2-Dichloropropane	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND	(0.0751)	[1]	ND (0.0751) [1]
1,3-Dichlorobenzene	ND	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.151)	[1]	ND (0.151) [1]
1,4-Dichlorobenzene	ND	(0.190)	[1]	ND	(0.190)	[1]	ND	(0.195)	[1]	ND (0.195) [1]
1-Chlorohexane	ND	(0.120)	[1]	ND	(0.120)	[1]	ND	(0.120)	[1]	ND (0.120) [1]
2-Chloroethyl vinyl ether	ND	(0.170)	[1]	ND	(0.170)	[1]	0.0693	KJ (0.167)	[1]	ND (0.167) [1]
Bromobenzene	ND	(0.530)	[1]	ND	(0.530)	[1]	ND	(0.525)	[1]	ND (0.525) [1]
Bromodichloromethane	ND	(0.0680)	[1]	ND	(0.0680)	[1]	ND	(0.0682)	[1]	ND (0.0682) [1]
Bromomethane	ND	(0.0560)	[1]	ND	(0.0560)	[1]	ND	(0.0562)	[1]	ND (0.0562) [1]
Carbon tetrachloride	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.107)	[1]	ND (0.107) [1]
Chlorobenzene	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.138)	[1]	ND (0.138) [1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		001		001		001	
					01-MW-02		01-MW-07		01-MW-08	
	01-MW-01-03		01-MW-02-03		01-MW-02-03		01-MW-07-01		01-MW-08-01	

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	001	001	001	001
	01-MW-01	01-MW-02	01-MW-07	01-MW-08
	01-MW-01-03	01-MW-02-03	01-MW-07-01	01-MW-08-01

SW8020 - Aromatic Volatile Organics, cont. (ug/L)				
Benzene	372 (0.700)	[10]	0.111 B (0.0700)	[1]
Chlorobenzene	0.143 (0.0450)	[1]	ND (0.0450)	[1]
Ethylbenzene	2.03 (0.0680)	[1]	0.0537 JB (0.0680)	[1]
Toluene	1.09 B (0.0480)	[1]	0.138 B (0.0480)	[1]
Xylene (total)	1.10 B (0.0850)	[1]	0.167 B (0.0850)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND (0.00598)	[1]	ND (0.00433)	[1]
4,4'-DDE	ND (0.00629)	[1]	ND (0.00629)	[1]
4,4'-DDT	ND (0.00680)	[1]	ND (0.00680)	[1]
Aldrin	ND (0.00546)	[1]	ND (0.00897)	[1]
Chlordane	ND (0.00959)	[1]	ND (0.00959)	[1]
Dieldrin	ND (0.00443)	[1]	ND (0.00443)	[1]
Endosulfan I	ND (0.00320)	[1]	ND (0.00320)	[1]
Endosulfan II	ND (0.00701)	[1]	ND (0.00701)	[1]
Endosulfan Sulfate	ND (0.0134)	[1]	ND (0.0134)	[1]
Endrin	ND (0.0113)	[1]	ND (0.0113)	[1]
Endrin Aldehyde	0.00380 J (0.00598)	[1]	ND (0.00598)	[1]
Heptachlor	ND (0.00227)	[1]	ND (0.00278)	[1]
Heptachlor epoxide	ND (0.00340)	[1]	ND (0.00340)	[1]
Methoxychlor	ND (0.0412)	[1]	ND (0.0412)	[1]
PCB-1016	ND (0.0567)	[1]	ND (0.0567)	[1]
PCB-1221	ND (0.0763)	[1]	ND (0.0763)	[1]
PCB-1232	ND (0.134)	[1]	ND (0.134)	[1]
PCB-1242	ND (0.0536)	[1]	ND (0.0536)	[1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	001	001	001	001
	01-MW-01	01-MW-02	01-MW-07	01-MW-08
	01-MW-01-03	01-MW-02-03	01-MW-07-01	01-MW-08-01
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	ND (0.0289) [1]	ND (0.0289) [1]	NA	NA
PCB-1254	ND (0.0412) [1]	ND (0.0412) [1]	NA	NA
PCB-1260	ND (0.0546) [1]	ND (0.0546) [1]	NA	NA
Toxaphene	ND (0.0351) [1]	ND (0.0351) [1]	NA	NA
alpha-BHC	0.0109 B (0.00206) [1]	ND (0.00206) [1]	NA	NA
beta-BHC	ND (0.00680) [1]	ND (0.00680) [1]	NA	NA
delta-BHC	0.0131 B (0.00371) [1]	ND (0.00258) [1]	NA	NA
gamma-BHC(Lindane)	0.0144 (0.00330) [1]	ND (0.00330) [1]	NA	NA
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	0.219 JB (1.20) [2]	0.00540 JB (1.20) [2]	NA	NA
Acenaphthylene	ND (1.64) [2]	ND (1.64) [2]	NA	NA
Anthracene	ND (0.280) [2]	ND (0.280) [2]	NA	NA
Benzo(a)anthracene	ND (0.00560) [2]	ND (0.00560) [2]	NA	NA
Benzo(a)pyrene	ND (0.00720) [2]	ND (0.00720) [2]	NA	NA
Benzo(b)fluoranthene	ND (0.0220) [2]	ND (0.0220) [2]	NA	NA
Benzo(g,h,i)perylene	ND (0.0560) [2]	ND (0.0560) [2]	NA	NA
Benzo(k)fluoranthene	ND (0.00320) [2]	ND (0.00320) [2]	NA	NA
Chrysene	ND (0.0980) [2]	ND (0.0980) [2]	NA	NA
Dibenz(a,h)anthracene	ND (0.0170) [2]	ND (0.0170) [2]	NA	NA
Fluoranthene	ND (0.100) [2]	ND (0.100) [2]	NA	NA
Fluorene	ND (0.160) [2]	ND (0.160) [2]	NA	NA
Indeno(1,2,3-cd)pyrene	0.0403 B (0.00740) [2]	0.0409 B (0.00740) [2]	NA	NA
Naphthalene	ND (1.10) [2]	ND (1.10) [2]	NA	NA
Phenanthrene	ND (0.320) [2]	ND (0.320) [2]	NA	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			LOCATION ID			SAMPLE ID		
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/L) Pyrene	001	001	001	01-MW-01	01-MW-02	01-MW-03	01-MW-07	01-MW-08	01-MW-08-01
	ND	(0.106)	[2]	ND	(0.106)	[2]	NA	NA	NA

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				007				007			
	LOCATION ID		SAMPLE ID		008		007		007		007	
	02-GW-03		02-GW-03-Dup of 02-GW-03-03R		02-GW-03		02-GW-03-DS-03 Dup of 02-GW-03-03R		03-GW-01		03-GW-02-03	
SW8010 - Halogenated Volatile Organics (ug/L)	0.00220 JB		0.0122 JB		ND		ND		NA		NA	
1,1,1,2-Tetrachloroethane	(0.0400)		(0.0920)		(0.100)		(0.100)		(0.0400)		(0.0400)	
1,1,1-Trichloroethane	ND		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	(0.100)		(0.100)		(0.0480)		(0.100)		(0.120)		(0.120)	
1,1,2-Trichloroethane	ND		ND		(0.100)		(0.170)		(0.170)		(0.170)	
1,1-Dichloroethane	(0.100)		(0.100)		(0.0540)		(0.0540)		(0.0540)		(0.0540)	
1,1-Dichloroethene	ND		ND		(0.0750)		(0.0750)		(0.0750)		(0.0750)	
1,2,3-Trichloropropane	(0.120)		(0.120)		(0.150)		(0.150)		(0.150)		(0.150)	
1,2-Dichlorobenzene	(0.170)		(0.170)		(0.190)		(0.190)		(0.190)		(0.190)	
1,2-Dichloroethane	(0.0540)		(0.0540)		(0.120)		(0.120)		(0.120)		(0.120)	
1,2-Dichloropropane	ND		ND		(0.170)		(0.170)		(0.170)		(0.170)	
1,3-Dichlorobenzene	(0.150)		(0.150)		(0.530)		(0.530)		(0.530)		(0.530)	
1,4-Dichlorobenzene	(0.190)		(0.190)		(0.680)		(0.680)		(0.680)		(0.680)	
1-Chlorohexane	(0.120)		(0.120)		(0.560)		(0.560)		(0.560)		(0.560)	
2-Chloroethyl vinyl ether	(0.170)		(0.170)		(0.110)		(0.110)		(0.110)		(0.110)	
Bromobenzene	(0.530)		(0.530)		(0.140)		(0.140)		(0.140)		(0.140)	
Bromodichloromethane	(0.0680)		(0.0680)		(0.110)		(0.110)		(0.110)		(0.110)	
Bromomethane	(0.0560)		(0.0560)		(0.140)		(0.140)		(0.140)		(0.140)	
Carbon tetrachloride	(0.110)		(0.110)		(0.0850)		(0.0850)		(0.0850)		(0.0850)	
Chlorobenzene	(0.140)		(0.140)		(0.150)		(0.150)		(0.150)		(0.150)	
Chloroethane	(0.110)		(0.110)		(0.170)		(0.170)		(0.170)		(0.170)	
Chloroform	(0.0850)		(0.0850)		(0.140)		(0.140)		(0.140)		(0.140)	
Chloromethane	(0.150)		(0.150)		ND		ND		ND		ND	
Dibromochloromethane	(0.170)		(0.170)		ND		ND		ND		ND	
Dibromomethane	(0.140)		(0.140)		ND		ND		ND		ND	

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

A7-7

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				007				007					
	LOCATION ID		SAMPLE ID		008		007		007		007			
	02-GW-03		02-GW-03-DS-03 Dup of 02-GW-03-03R		02-GW-03		03-GW-01		03-GW-02		03-GW-02-03			

SW8020 - Aromatic Volatile Organics, cont. (ug/L)	0.157 B (	0.0850)	[1]	0.110 B (	0.0850)	[1]	NA	NA						
Xylene (total)														

SW8080 - Organochlorine Pesticides and PCBs (ug/L)	NA	NA	NA	NA	NA	NA	NA	NA	0.592)	[100]	ND	(	0.0235)	[1]
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA	NA	0.621)	[100]	ND	(	0.00480)	[1]
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA	NA	0.666)	[100]	ND	(	0.00627)	[1]
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA	0.175 KJ	0.880)	[100]	ND	(	0.00235)	[1]
Aldrin	NA	NA	NA	NA	NA	NA	NA	ND	0.945)	[100]	ND	(	0.0294)	[1]
Chlordane	NA	NA	NA	NA	NA	NA	NA	ND	0.645)	[100]	ND	(	0.00549)	[1]
Dieldrin	NA	NA	NA	NA	NA	NA	NA	ND	0.312)	[100]	ND	(	0.00470)	[1]
Endosulfan I	NA	NA	NA	NA	NA	NA	NA	ND	0.689)	[100]	ND	(	0.0176)	[1]
Endosulfan II	NA	NA	NA	NA	NA	NA	NA	ND	1.35)	[100]	ND	(	0.0137)	[1]
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA	ND	1.11)	[100]	0.00390 JB	(	0.0167)	[1]
Endrin	NA	NA	NA	NA	NA	NA	NA	ND	0.590)	[100]	ND	(	0.0108)	[1]
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA	ND	0.275)	[100]	ND	(	0.00284)	[1]
Heptachlor	NA	NA	NA	NA	NA	NA	NA	ND	0.336)	[100]	0.0655	(	0.00324)	[1]
Heptachlor epoxide	NA	NA	NA	NA	NA	NA	NA	ND	4.08)	[100]	ND	(	0.0382)	[1]
Methoxychlor	NA	NA	NA	NA	NA	NA	NA	ND	5.58)	[100]	ND	(	0.0451)	[1]
PCB-1016	NA	NA	NA	NA	NA	NA	NA	ND	7.46)	[100]	ND	(	0.0471)	[1]
PCB-1221	NA	NA	NA	NA	NA	NA	NA	ND	12.9)	[100]	ND	(	0.0696)	[1]
PCB-1232	NA	NA	NA	NA	NA	NA	NA	ND	5.26)	[100]	ND	(	0.0549)	[1]
PCB-1242	NA	NA	NA	NA	NA	NA	NA	ND	2.80)	[100]	ND	(	0.0529)	[1]
PCB-1248	NA	NA	NA	NA	NA	NA	NA	ND	4.03)	[100]	ND	(	0.0725)	[1]
PCB-1254	NA	NA	NA	NA	NA	NA	NA	ND	5.34)	[100]	ND	(0.0500)	[1]
PCB-1260	NA	NA	NA	NA	NA	NA	NA	ND						

Compiled: 16 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

A7-9

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID			LOCATION ID		SAMPLE ID		
SW8240 - Volatile Organics, cont. (ug/L)										
Carbon tetrachloride	ND	(1.80)	[1]	ND	(1.80)	[1]	NA	007 03-GW-02 03-GW-02-03
Chlorobenzene	ND	(	1.10)	[1]	ND	(	1.10)	[1]	NA
Chloroethane	ND	(	1.40)	[1]	ND	(	1.40)	[1]	NA
Chloroform	ND	(	1.00)	[1]	ND	(	1.00)	[1]	NA
Chloromethane	ND	(	1.90)	[1]	NA				NA
Dibromochloromethane	ND	(	0.900)	[1]	ND	(	0.900)	[1]	NA
Dibromomethane	ND	(	1.50)	[1]	ND	(	1.50)	[1]	NA
Diphenylamine/N-NitrosodPA	NA				ND	(	1.90)	[1]	NA
Ethyl methacrylate	ND	(	8.30)	[1]	ND	(	8.30)	[1]	NA
Ethylbenzene	ND	(	0.800)	[1]	ND	(	0.800)	[1]	NA
Iodomethane	ND	(	2.20)	[1]	ND	(	2.20)	[1]	NA
Methylene chloride	ND	(	4.80)	[1]	ND	(	4.80)	[1]	NA
Styrene	ND	(	0.700)	[1]	ND	(	0.700)	[1]	NA
Tetrachloroethene	ND	(	1.80)	[1]	ND	(	1.80)	[1]	NA
Toluene	ND	(	0.900)	[1]	ND	(	0.900)	[1]	NA
Tribromomethane(Bromoform)	ND	(	1.20)	[1]	ND	(	1.20)	[1]	NA
Trichloroethene	ND	(	1.20)	[1]	ND	(	1.20)	[1]	NA
Trichlorofluoromethane	ND	(	2.20)	[1]	ND	(	2.20)	[1]	NA
Vinyl acetate	ND	(	3.20)	[1]	ND	(	3.20)	[1]	NA
Vinyl chloride	ND	(	1.50)	[1]	ND	(	1.50)	[1]	NA
Xylene (total)	ND	(	1.50)	[1]	ND	(	1.50)	[1]	NA
cis-1,3-Dichloropropene	ND	(	0.400)	[1]	ND	(	0.400)	[1]	NA
trans-1,2-Dichloroethene	ND	(	1.60)	[1]	ND	(	1.60)	[1]	NA
trans-1,3-Dichloropropene	ND	(	0.300)	[1]	ND	(	0.300)	[1]	NA

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995
 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	007	007	007	04
	03-GW-02	03-GW-03	03-GW-04	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			
Diesel Range Organics (ug/L)	NA	NA	NA	31.0 JB (200) [1]
Diesel Range Organics				
Gasoline Range Organics (ug/L)	NA	NA	NA	35.0 JB (100) [1]
Gasoline Range Organics				
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND (0.0400) [1]
1,1,1-Trichloroethane	NA	NA	NA	ND (0.0920) [1]
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND (0.100) [1]
1,1,2-Trichloroethane	NA	NA	NA	ND (0.100) [1]
1,1-Dichloroethane	NA	NA	NA	ND (0.0480) [1]
1,1-Dichloroethene	NA	NA	NA	ND (0.100) [1]
1,2,3-Trichloropropane	NA	NA	NA	ND (0.120) [1]
1,2-Dichlorobenzene	NA	NA	NA	ND (0.170) [1]
1,2-Dichloroethane	NA	NA	NA	ND (0.0540) [1]
1,2-Dichloropropane	NA	NA	NA	ND (0.0750) [1]
1,3-Dichlorobenzene	NA	NA	NA	ND (0.150) [1]
1,4-Dichlorobenzene	NA	NA	NA	ND (0.190) [1]
1-Chlorohexane	NA	NA	NA	ND (0.120) [1]
2-Chloroethyl vinyl ether	NA	NA	NA	ND (0.170) [1]
Bromobenzene	NA	NA	NA	ND (0.530) [1]
Bromodichloromethane	NA	NA	NA	ND (0.0680) [1]
Bromomethane	NA	NA	NA	ND (0.0560) [1]
Carbon tetrachloride	NA	NA	NA	ND (0.110) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	007	007	04	
	03-GW-02	03-GW-04	04-MW-02	
	03-GW-02-DS-03 Dup of	03-GW-03-03	04-MW-02-03	
	03-GW-02-03			
	NA	NA	ND	(0.140) [1]
	Chlorobenzene	NA	ND	(0.110) [1]
	Chloroethane	NA	ND	(0.0850) [1]
	Chloroform	NA	ND	(0.150) [1]
	Chloromethane	NA	ND	(0.170) [1]
	Dibromochloromethane	NA	ND	(0.140) [1]
	Dibromomethane	NA	ND	(0.220) [1]
	Methylene chloride	NA	ND	(0.100) [1]
	Tetrachloroethene	NA	ND	(0.140) [1]
	Tribromomethane(Bromoform)	NA	ND	(0.110) [1]
	Trichloroethene	NA	ND	(0.0750) [1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)	2-Butanone(MEK)	NA	ND	(2.40) [1]
	4-Methyl-2-pentanone(MIBK)	NA	ND	(1.50) [1]
	Ethanol	NA	ND	(0.300) [1]
	Ethyl ether	NA	ND	(1.20) [1]
SW8020 - Aromatic Volatile Organics (ug/L)	1,2-Dichlorobenzene	NA	ND	(0.140) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW8020 - Aromatic Volatile Organics, cont. (ug/L)	007	007	04	
	03-GW-02	03-GW-04	04-MW-02	
	03-GW-02-DS-03 Dup of	03-GW-04-03	04-MW-02-03	
	03-GW-02-03			
	NA	NA	ND	(0.130) [1]
	NA	NA	ND	(0.130) [1]
	NA	NA	ND	(0.0790) [1]
	NA	NA	ND	(0.120) [1]
	NA	NA	ND	(0.120) [1]
	NA	NA	ND	(0.110) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	NA	NA	ND	(0.130) [1]
	ND	0.0225 JB	ND	(0.00926) [1]
	ND	ND	0.0101 B	(0.00532) [1]
	ND	ND	0.0163 B	(0.00985) [1]
	ND	ND	ND	(0.00916) [1]
	ND	ND	ND	(0.0296) [1]
	ND	ND	ND	(0.00788) [1]
	ND	ND	ND	(0.00611) [1]
	ND	ND	ND	(0.00493) [1]
	ND	ND	0.0147 P	(0.0138) [1]
SW8020 - Aromatic Volatile Organics, cont. (ug/L)	ND	0.0257	ND	(0.0118) [1]
	ND	ND	ND	(0.00650) [1]
	ND	ND	ND	(0.0325) [1]
	ND	ND	0.00430 PJB	(0.0246) [1]
	ND	ND	ND	(0.0483) [1]
	ND	ND	ND	(0.0985) [1]
	ND	ND	ND	(0.0460) [1]
	ND	ND	ND	(0.0451) [1]
	ND	ND	ND	(0.0451) [1]
	ND	ND	ND	(0.0451) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	ND	(0.00706) [1]	ND	(0.00706) [1]
	ND	(0.00343) [1]	ND	(0.00343) [1]
	ND	(0.00686) [1]	ND	(0.00686) [1]
	ND	(0.00235) [1]	ND	(0.00235) [1]
	ND	(0.0294) [1]	ND	(0.0294) [1]
	ND	(0.00549) [1]	ND	(0.00549) [1]
	ND	(0.00470) [1]	ND	(0.00470) [1]
	ND	(0.0176) [1]	ND	(0.0176) [1]
	ND	(0.0137) [1]	ND	(0.0137) [1]
	ND	(0.0167) [1]	ND	(0.0167) [1]
SW8020 - Aromatic Volatile Organics, cont. (ug/L)	ND	(0.00892) [1]	ND	(0.00892) [1]
	ND	(0.00284) [1]	ND	(0.00284) [1]
	ND	(0.00324) [1]	ND	(0.00324) [1]
	ND	(0.0382) [1]	ND	(0.0382) [1]
	ND	(0.0451) [1]	ND	(0.0451) [1]
	ND	(0.0451) [1]	ND	(0.0451) [1]
	ND	(0.0451) [1]	ND	(0.0451) [1]
	ND	(0.0451) [1]	ND	(0.0451) [1]
	ND	(0.0451) [1]	ND	(0.0451) [1]
	ND	(0.0451) [1]	ND	(0.0451) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		007		007		04	
	03-GW-02		03-GW-03		03-GW-04		03-GW-04-03		04-MW-02	
	03-GW-02-DS-03 Dup of		03-GW-03-03				03-GW-04-03		04-MW-02-03	
	03-GW-02-03									

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)										
PCB-1221	ND	(0.0471)	[1]	ND	(0.0471)	[1]	ND	(0.0480)	[1]	ND (0.187) [1]
PCB-1232	ND	(0.0696)	[1]	ND	(0.0696)	[1]	ND	(0.0710)	[1]	ND (0.0552) [1]
PCB-1242	ND	(0.0549)	[1]	ND	(0.0549)	[1]	ND	(0.0560)	[1]	ND (0.0571) [1]
PCB-1248	ND	(0.0529)	[1]	ND	(0.0529)	[1]	ND	(0.0540)	[1]	ND (0.148) [1]
PCB-1254	ND	(0.0725)	[1]	ND	(0.0725)	[1]	ND	(0.0740)	[1]	ND (0.0778) [1]
PCB-1260	ND	(0.0500)	[1]	ND	(0.0500)	[1]	ND	(0.0510)	[1]	ND (0.0443) [1]
Toxaphene	ND	(0.0980)	[1]	ND	(0.0980)	[1]	ND	(0.100)	[1]	ND (0.00985) [1]
alpha-BHC	ND	(0.00196)	[1]	0.0108 B	(0.00196)	[1]	ND	(0.00200)	[1]	ND (0.00345) [1]
beta-BHC	ND	(0.0461)	[1]	ND	(0.0461)	[1]	ND	(0.0470)	[1]	0.00120 PJ (0.00916) [1]
delta-BHC	ND	(0.00176)	[1]	0.0196 B	(0.00176)	[1]	ND	(0.00180)	[1]	ND (0.00256) [1]
gamma-BHC(Lindane)	ND	(0.00225)	[1]	ND	(0.00225)	[1]	0.0178	(0.00230)	[1]	ND (0.00453) [1]

SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	NA			NA			NA			ND (0.590) [1]
1,2-Dichlorobenzene	NA			NA			NA			ND (0.640) [1]
1,3-Dichlorobenzene	NA			NA			NA			ND (0.720) [1]
1,4-Dichlorobenzene	NA			NA			NA			ND (0.590) [1]
2,4,5-Trichlorophenol	NA			NA			NA			ND (0.510) [1]
2,4,6-Trichlorophenol	NA			NA			NA			ND (0.500) [1]
2,4-Dichlorophenol	NA			NA			NA			ND (0.570) [1]
2,4-Dimethylphenol	NA			NA			NA			ND (1.30) [1]
2,4-Dinitrophenol	NA			NA			NA			ND (4.20) [1]
2,4-Dinitrotoluene	NA			NA			NA			ND (0.590) [1]
2,6-Dinitrotoluene	NA			NA			NA			ND (0.860) [1]

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A7-15

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	007	007	007	04
	03-GW-02	03-GW-03	03-GW-04	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			
SW8270 - Semivolatile Organics, cont. (ug/L)				
2-Chloronaphthalene	NA	NA	NA	(0.390)
2-Chlorophenol	NA	NA	NA	(0.640)
2-Methylnaphthalene	NA	NA	NA	(0.360)
2-Methylphenol (o-cresol)	NA	NA	NA	(0.310)
2-Nitroaniline	NA	NA	NA	(0.660)
2-Nitrophenol	NA	NA	NA	(0.520)
3,3'-Dichlorobenzidine	NA	NA	NA	(0.330)
3-Nitroaniline	NA	NA	NA	(0.390)
4,6-Dinitro-2-methylphenol	NA	NA	NA	(0.430)
4-Bromophenyl phenyl ether	NA	NA	NA	(0.490)
4-Chloro-3-methylphenol	NA	NA	NA	(0.520)
4-Chloroaniline	NA	NA	NA	(0.740)
4-Chlorophenyl phenyl ether	NA	NA	NA	(0.420)
4-Methylphenol (p-cresol)	NA	NA	NA	(0.460)
4-Nitroaniline	NA	NA	NA	(0.610)
4-Nitrophenol	NA	NA	NA	(0.940)
Acenaphthene	NA	NA	NA	(0.270)
Acenaphthylene	NA	NA	NA	(0.420)
Anthracene	NA	NA	NA	(0.370)
Benzo(a)anthracene	NA	NA	NA	(0.450)
Benzo(a)pyrene	NA	NA	NA	(0.520)
Benzo(b)fluoranthene	NA	NA	NA	(0.910)
Benzo(g,h,i)perylene	NA	NA	NA	(1.00)
Benzo(k)fluoranthene	NA	NA	NA	(1.00)

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	007	007	04	
	03-GW-02	03-GW-04	04-MW-02	
	03-GW-02-DS-03 Dup of	03-GW-04-03	04-MW-02-03	
	03-GW-02-03			

SW8270 - Semivolatile Organics, cont. (ug/L)				
Benzoic acid	NA	NA	ND	(39.0) [1]
Benzyl alcohol	NA	NA	ND	(0.610) [1]
Butylbenzylphthalate	NA	NA	ND	(0.620) [1]
Chrysene	NA	NA	ND	(0.540) [1]
Di-n-butylphthalate	NA	NA	ND	(0.320) [1]
Di-n-octylphthalate	NA	NA	ND	(0.350) [1]
Dibenz(a,h)anthracene	NA	NA	ND	(0.810) [1]
Dibenzofuran	NA	NA	ND	(0.540) [1]
Diethylphthalate	NA	NA	ND	(0.520) [1]
Dimethylphthalate	NA	NA	ND	(0.340) [1]
Fluoranthene	NA	NA	ND	(0.470) [1]
Fluorene	NA	NA	ND	(0.380) [1]
Hexachlorobenzene	NA	NA	ND	(0.310) [1]
Hexachlorobutadiene	NA	NA	ND	(0.510) [1]
Hexachlorocyclopentadiene	NA	NA	ND	(5.90) [1]
Hexachloroethane	NA	NA	ND	(0.630) [1]
Indeno(1,2,3-cd)pyrene	NA	NA	ND	(1.30) [1]
Isophorone	NA	NA	ND	(0.620) [1]
N-Nitroso-di-n-propylamine	NA	NA	ND	(0.650) [1]
N-Nitrosodiphenylamine	NA	NA	ND	(0.270) [1]
Naphthalene	NA	NA	ND	(0.480) [1]
Nitrobenzene	NA	NA	ND	(0.840) [1]
Pentachloropheno1	NA	NA	ND	(0.890) [1]
Phenanthrene	NA	NA	ND	(0.470) [1]

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A7-17

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
<hr/>				
SW8270 - Semivolatile Organics, cont. (ug/L)				
Phenol	007	007	007	04
Pyrene	03-GW-02	03-GW-03	03-GW-04	04-MW-02
bis(2-Chloroethoxy)methane	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
bis(2-Chloroethyl) ether	03-GW-02-03			
bis(2-Chloroisopropyl) ether				
bis(2-Ethylhexyl) phthalate				
<hr/>				
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	NA	NA	NA	ND (0.880) [1]
Acenaphthylene	NA	NA	NA	ND (0.410) [1]
Anthracene	NA	NA	NA	ND (0.610) [1]
Benzo(a)anthracene	NA	NA	NA	ND (0.380) [1]
Benzo(a)pyrene	NA	NA	NA	ND (0.800) [1]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.580) [1]
Benzo(g,h,i)perylene	NA	NA	NA	
Benzo(k)fluoranthene	NA	NA	NA	
Chrysene	NA	NA	NA	
Dibenz(a,h)anthracene	NA	NA	NA	
Fluoranthene	NA	NA	NA	
Fluorene	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	NA	NA	NA	
Naphthalene	NA	NA	NA	
Phenanthrene	NA	NA	NA	
Pyrene	NA	NA	NA	
<hr/>				
Acenaphthene	NA	NA	NA	0.0678 JB (0.625) [1]
Acenaphthylene	NA	NA	NA	ND (0.854) [1]
Anthracene	NA	NA	NA	ND (0.146) [1]
Benzo(a)anthracene	NA	NA	NA	0.00120 JB (0.00292) [1]
Benzo(a)pyrene	NA	NA	NA	ND (0.00375) [1]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.0115) [1]
Benzo(g,h,i)perylene	NA	NA	NA	0.157 (0.0292) [1]
Benzo(k)fluoranthene	NA	NA	NA	0.00320 B (0.00167) [1]
Chrysene	NA	NA	NA	0.0117 J (0.0510) [1]
Dibenz(a,h)anthracene	NA	NA	NA	0.00120 JB (0.00885) [1]
Fluoranthene	NA	NA	NA	ND (0.0521) [1]
Fluorene	NA	NA	NA	ND (0.0833) [1]
Indeno(1,2,3-cd)pyrene	NA	NA	NA	0.111 B (0.00385) [1]
Naphthalene	NA	NA	NA	0.102 JB (0.573) [1]
Phenanthrene	NA	NA	NA	ND (0.167) [1]
Pyrene	NA	NA	NA	ND (0.0552) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
007 03-GW-02 03-GW-02-DS-03 Dup of 03-GW-02-03	007	007
	03-GW-03	03-GW-04
	03-GW-03-03	03-GW-04-03
		04
		04-MW-02
		04-MW-02-03

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	04	005	005	005	005	005	005	005	005	005	005	005
	04-MW-03	05-MW-01	05-MW-01	05-MW-02	05-MW-02	05-MW-03	05-MW-03	05-MW-03	05-MW-03	05-MW-03	05-MW-03	05-MW-03
	04-MW-03-03	05-MW-01-03	05-MW-01-03	05-MW-02-03	05-MW-02-03	05-MW-03-03	05-MW-03-03	05-MW-03-03	05-MW-03-03	05-MW-03-03	05-MW-03-03	05-MW-03-03

Diesel Range Organics (ug/L)												
Diesel Range Organics	3.00 JB (	200)	[1]	11.0 JB (	200)	[1]	6.00 JB (	200)	[1]	110 J (	200)	[1]
Gasoline Range Organics (ug/L)												
Gasoline Range Organics	61.0 J (	100)	[1]	690 (	100)	[1]	42.0 JB (	100)	[1]	11000 (	100)	[1]

SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND (	0.0400)	[1]	ND (	0.0220)	[1]	ND (	0.0220)	[1]	ND (	0.0400)	[1]
1,1,1-Trichloroethane	ND (	0.0920)	[1]	ND (	0.150)	[1]	ND (	0.150)	[1]	0.0372 JB (	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND (	0.100)	[1]	ND (	0.140)	[1]	ND (	0.140)	[1]	0.220 (	0.100)	[1]
1,1,2-Trichloroethane	ND (	0.100)	[1]	ND (	0.0450)	[1]	ND (	0.0450)	[1]	ND (	0.100)	[1]
1,1-Dichloroethane	ND (	0.0480)	[1]	ND (	0.0220)	[1]	ND (	0.0220)	[1]	0.00180 JB (	0.0480)	[1]
1,1-Dichloroethene	ND (	0.100)	[1]	ND (	0.110)	[1]	ND (	0.110)	[1]	ND (	0.100)	[1]
1,2,3-Trichloropropane	ND (	0.120)	[1]	ND (	0.110)	[1]	ND (	0.110)	[1]	ND (	0.120)	[1]
1,2-Dichlorobenzene	ND (	0.170)	[1]	ND (	0.0950)	[1]	ND (	0.0950)	[1]	0.00280 JB (	0.170)	[1]
1,2-Dichloroethane	ND (	0.0540)	[1]	3.17 (	0.0820)	[1]	ND (	0.0820)	[1]	0.0148 J (	0.0540)	[1]
1,2-Dichloropropane	ND (	0.0750)	[1]	ND (	0.0230)	[1]	ND (	0.0230)	[1]	ND (	0.0750)	[1]
1,3-Dichlorobenzene	ND (	0.150)	[1]	ND (	0.0880)	[1]	ND (	0.0880)	[1]	ND (	0.150)	[1]
1,4-Dichlorobenzene	ND (	0.190)	[1]	ND (	0.0910)	[1]	ND (	0.0910)	[1]	ND (	0.190)	[1]
1-Chlorohexane	ND (	0.120)	[1]	ND (	0.0400)	[1]	ND (	0.0400)	[1]	0.0136 JB (	0.120)	[1]
2-Chloroethyl vinyl ether	ND (	0.170)	[1]	ND (	0.100)	[1]	ND (	0.100)	[1]	ND (	0.170)	[1]
Bromobenzene	ND (	0.530)	[1]	ND (	0.0450)	[1]	ND (	0.0450)	[1]	ND (	0.530)	[1]
Bromodichloromethane	ND (	0.0680)	[1]	ND (	0.0890)	[1]	ND (	0.0890)	[1]	0.00270 J (	0.0680)	[1]
Bromomethane	ND (	0.0560)	[1]	ND (	0.0860)	[1]	ND (	0.0860)	[1]	ND (	0.0560)	[1]
Carbon tetrachloride	ND (0.110)	[1]	ND (0.0850)	[1]	ND (0.0850)	[1]	ND (0.110)	[1]
Chlorobenzene	ND (0.140)	[1]	ND (0.120)	[1]	ND (0.120)	[1]	0.0217 JB (0.140)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	04				005				005									
	LOCATION ID				LOCATION ID				LOCATION ID									
	SAMPLE ID				SAMPLE ID				SAMPLE ID									
	04-MW-03				05-MW-01				05-MW-02				05-MW-03					
	04-MW-03-03				05-MW-01-03				05-MW-02-03				05-MW-03-03					

SW8010 - Halogenated Volatile Organics, cont. (ug/L)																		
Chloroethane	ND	(	0.110)	[1]	ND	(	0.0800)	[1]	ND	(	0.0800)	[1]	ND	(	0.110)	[1]
Chloroform	ND	(	0.0850)	[1]	ND	(	0.0260)	[1]	ND	(	0.0260)	[1]	ND	(	0.0850)	[1]
Chloromethane	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]
Dibromochloromethane	ND	(	0.170)	[1]	ND	(	0.0820)	[1]	ND	(	0.0820)	[1]	ND	(	0.170)	[1]
Dibromomethane	ND	(	0.140)	[1]	ND	(	0.0740)	[1]	ND	(	0.0740)	[1]	ND	(	0.140)	[1]
Methylene chloride	ND	(0.220)	[1]	0.000900	PJB	(0.220)	[1]	ND	(0.220)	[1]	ND	(0.220)	[1]	
Tetrachloroethene	ND	(0.100)	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]	0.00190	JB	(0.100)	[1]	
Tribromomethane(Bromoform)	ND	(0.140)	[1]	0.120	PJB	(0.140)	[1]	ND	(0.0940)	[1]	ND	(0.140)	[1]	
Trichloroethene	0.0185	J	(0.110)	[1]	ND	(0.0730)	[1]	ND	(0.0730)	[1]	0.00370	JB	(0.110)	[1]
Trichlorofluoromethane	ND	(	0.0750)	[1]	ND	(	0.0980)	[1]	ND	(	0.0980)	[1]	ND	(	0.0750)	[1]
Vinyl chloride	ND	(	0.200)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.200)	[1]
cis-1,3-Dichloropropene	ND	(	0.0740)	[1]	ND	(	0.0800)	[1]	ND	(	0.0800)	[1]	ND	(	0.0740)	[1]
trans-1,2-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.0870)	[1]	ND	(	0.0870)	[1]	ND	(	0.100)	[1]
trans-1,3-Dichloropropene	ND	(0.0570)	[1]	ND	(0.0720)	[1]	ND	(0.0720)	[1]	0.00560	JB	(0.0570)	[1]	
SW8015 - Nonhalogenated Volatile Organics (mg/L)																		
2-Butanone(MEK)	ND	(	2.40)	[1]	ND	(	2.40)	[1]	ND	(	2.40)	[1]	ND	(	2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(	1.50)	[1]	ND	(	1.50)	[1]	ND	(	1.50)	[1]	ND	(	1.50)	[1]
Ethanol	ND	(	0.300)	[1]	ND	(	0.300)	[1]	ND	(	0.300)	[1]	ND	(	0.300)	[1]
Ethyl ether	ND	(	1.20)	[1]	ND	(	1.20)	[1]	ND	(	1.20)	[1]	ND	(	1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)																		
1,2-Dichlorobenzene	ND	(0.140)	[1]	0.184	PB	(0.0710)	[1]	ND	(0.0710)	[1]	ND	(17.8)	[250]	
1,3-Dichlorobenzene	ND	(0.130)	[1]	0.151	(0.0990)	[1]	ND	(0.0990)	[1]	ND	(24.8)	[250]		
1,4-Dichlorobenzene	ND	(0.130)	[1]	ND	(0.0950)	[1]	ND	(0.0950)	[1]	ND	(23.8)	[250]		

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																		
	04				005				005				005						
	04-MW-03				05-MW-01				05-MW-02				05-MW-03						
04-MW-03-03				05-MW-01-03				05-MW-02-03				05-MW-03-03							

SW8020 - Aromatic Volatile Organics, cont. (ug/L)																			
Benzene	0.0539	JB	(	0.0790)	[1]	256	(	0.700)	[10]	ND	(	0.0700)	[1]	2950	(	17.5)	[250]
Chlorobenzene	ND		(	0.120)	[1]	0.146	(	0.0450)	[1]	ND	(	0.0450)	[1]	ND	(	11.2)	[250]
Ethylbenzene	0.0669	JB	(	0.120)	[1]	1.37	(	0.0680)	[1]	ND	(	0.0680)	[1]	117	(	17.0)	[250]
Toluene	0.0807	JB	(0.110)	[1]	0.271	PB	(0.0480)	[1]	ND	(0.0480)	[1]	1530	(12.0)	[250]	
Xylene (total)	0.257	B	(0.130)	[1]	0.569	B	(0.0850)	[1]	ND	(0.150)	[1]	368	(21.2)	[250]	

SW8080 - Organochlorine Pesticides and PCBs (ug/L)																			
4,4'-DDD	ND		(	0.00913)	[1]	ND	(	0.0239)	[1]	ND	(	0.0239)	[1]	ND	(	0.0238)	[1]
4,4'-DDE	ND		(	0.00524)	[1]	ND	(	0.00348)	[1]	ND	(	0.00488)	[1]	ND	(	0.00485)	[1]
4,4'-DDT	ND		(	0.00971)	[1]	ND	(	0.00696)	[1]	ND	(	0.00696)	[1]	ND	(	0.00693)	[1]
Aldrin	0.00880	PJB	(	0.00903)	[1]	ND	(	0.00408)	[1]	ND	(	0.00239)	[1]	ND	(	0.00406)	[1]
Chlordane	ND		(	0.0291)	[1]	ND	(	0.0298)	[1]	ND	(	0.0298)	[1]	ND	(	0.0297)	[1]
Dieldrin	0.0113		(0.00777)	[1]	0.00920	B	(0.00557)	[1]	ND	(0.00557)	[1]	ND	(0.00465)	[1]	
Endosulfan I	ND		(	0.00602)	[1]	ND	(	0.00478)	[1]	ND	(	0.00478)	[1]	ND	(	0.00475)	[1]
Endosulfan II	ND		(	0.00524)	[1]	ND	(	0.0179)	[1]	ND	(	0.0179)	[1]	ND	(	0.0178)	[1]
Endosulfan Sulfate	0.0106	JB	(	0.0136)	[1]	ND	(	0.0129)	[1]	ND	(	0.0129)	[1]	ND	(	0.0139)	[1]
Endrin	ND		(0.0116)	[1]	0.00480	JB	(0.0169)	[1]	ND	(0.0169)	[1]	ND	(0.0168)	[1]	
Endrin Aldehyde	ND		(	0.00641)	[1]	ND	(	0.0109)	[1]	ND	(	0.0109)	[1]	ND	(	0.0109)	[1]
Heptachlor	0.00930	PJB	(0.0320)	[1]	ND	(0.00259)	[1]	ND	(0.00288)	[1]	0.00870	B	(0.00287)	[1]	
Heptachlor epoxide	0.0174	PJB	(0.0243)	[1]	0.00200	JB	(0.00328)	[1]	ND	(0.00328)	[1]	0.00820	PB	(0.00327)	[1]
Methoxychlor	ND		(	0.0476)	[1]	ND	(	0.0388)	[1]	ND	(	0.0388)	[1]	ND	(	0.0386)	[1]
PCB-1016	ND		(	0.0971)	[1]	ND	(	0.0458)	[1]	ND	(	0.0458)	[1]	ND	(	0.0455)	[1]
PCB-1221	ND		(	0.184)	[1]	ND	(	0.0478)	[1]	ND	(	0.0478)	[1]	ND	(	0.0475)	[1]
PCB-1232	ND		(0.0544)	[1]	ND	(0.0706)	[1]	ND	(0.0706)	[1]	ND	(0.0703)	[1]		
PCB-1242	ND		(0.0563)	[1]	ND	(0.0557)	[1]	ND	(0.0557)	[1]	ND	(0.0554)	[1]		

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PARAMETER	SITE ID												
	04			005			005			005			
	LOCATION ID			LOCATION ID			LOCATION ID			LOCATION ID			
	SAMPLE ID			SAMPLE ID			SAMPLE ID			SAMPLE ID			
	04-MW-03			05-MW-01			05-MW-02			05-MW-03			
	04-MW-03-03			05-MW-01-03			05-MW-02-03			05-MW-03-03			

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)													
PCB-1248	ND	(0.146)	[1]	ND	(0.0537)	[1]	ND	(0.0537)	[1]	ND	(0.0535)	[1]	
PCB-1254	ND	(0.0767)	[1]	ND	(0.0736)	[1]	ND	(0.0736)	[1]	ND	(0.0733)	[1]	
PCB-1260	ND	(0.0437)	[1]	ND	(0.0507)	[1]	ND	(0.0507)	[1]	ND	(0.0505)	[1]	
Toxaphene	ND	(0.00971)	[1]	ND	(0.0995)	[1]	ND	(0.0995)	[1]	ND	(0.0990)	[1]	
alpha-BHC	ND	(0.00388)	[1]	0.0173	(0.00199)	[1]	ND	(0.00199)	[1]	ND	(0.00198)	[1]	
beta-BHC	ND	(0.00903)	[1]	0.0139 J	(0.0468)	[1]	ND	(0.0468)	[1]	ND	(0.0465)	[1]	
delta-BHC	0.0182 B	(0.00214)	[1]	0.0190 B	(0.00179)	[1]	ND	(0.00179)	[1]	ND	(0.00178)	[1]	
gamma-BHC(Lindane)	ND	(0.0126)	[1]	0.0140	(0.00229)	[1]	ND	(0.00229)	[1]	0.0239	(0.00228)	[1]	

SW8270 - Semivolatile Organics (ug/L)													
1,2,4-Trichlorobenzene	ND	(0.590)	[1]	ND	(0.602)	[1]	ND	(0.602)	[1]	ND	(0.599)	[1]	
1,2-Dichlorobenzene	ND	(0.640)	[1]	ND	(0.796)	[1]	ND	(0.796)	[1]	ND	(0.650)	[1]	
1,3-Dichlorobenzene	ND	(0.720)	[1]	ND	(0.398)	[1]	ND	(0.398)	[1]	ND	(0.731)	[1]	
1,4-Dichlorobenzene	ND	(0.590)	[1]	ND	(0.827)	[1]	ND	(0.827)	[1]	ND	(0.599)	[1]	
2,4,5-Trichlorophenol	ND	(0.510)	[1]	ND	(0.337)	[1]	ND	(0.337)	[1]	ND	(0.518)	[1]	
2,4,6-Trichlorophenol	ND	(0.500)	[1]	ND	(0.357)	[1]	ND	(0.357)	[1]	ND	(0.508)	[1]	
2,4-Dichlorophenol	ND	(0.570)	[1]	ND	(0.449)	[1]	ND	(0.449)	[1]	ND	(0.579)	[1]	
2,4-Dimethylphenol	ND	(1.30)	[1]	ND	(1.12)	[1]	ND	(1.12)	[1]	4.91	(1.32)	[1]	
2,4-Dinitrophenol	ND	(4.20)	[1]	ND	(7.65)	[1]	ND	(7.65)	[1]	ND	(4.26)	[1]	
2,4-Dinitrotoluene	ND	(0.590)	[1]	ND	(0.561)	[1]	ND	(0.561)	[1]	ND	(0.599)	[1]	
2,6-Dinitrotoluene	ND	(0.860)	[1]	ND	(0.357)	[1]	ND	(0.357)	[1]	ND	(0.873)	[1]	
2-Chloronaphthalene	ND	(0.390)	[1]	ND	(0.327)	[1]	ND	(0.327)	[1]	ND	(0.396)	[1]	
2-Chlorophenol	ND	(0.640)	[1]	ND	(0.776)	[1]	ND	(0.776)	[1]	ND	(0.650)	[1]	
2-Methylnaphthalene	ND	(0.360)	[1]	ND	(0.673)	[1]	ND	(0.673)	[1]	3.59	(0.365)	[1]	
2-Methylphenol (o-cresol)	ND	(0.310)	[1]	ND	(0.541)	[1]	ND	(0.541)	[1]	21.4	(0.315)	[1]	

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PARAMETER	SITE ID									
	04		005		005		005		005	
	04-MW-03	04-MW-03-03	05-MW-01	05-MW-01-03	05-MW-02	05-MW-02-03	05-MW-03	05-MW-03-03	05-MW-03-03	05-MW-03-03
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Nitroaniline	ND	(0.660)	ND	(0.408)	ND	(0.408)	ND	(0.408)	ND	(0.670)
2-Nitrophenol	ND	(0.520)	ND	(0.449)	ND	(0.449)	ND	(0.449)	ND	(0.528)
3,3'-Dichlorobenzidine	ND	(0.330)	ND	(0.500)	ND	(0.500)	ND	(0.500)	ND	(0.335)
3-Nitroaniline	ND	(0.390)	ND	(0.520)	ND	(0.520)	ND	(0.520)	ND	(0.396)
4,6-Dinitro-2-methylphenol	ND	(0.430)	ND	(0.867)	ND	(0.867)	ND	(0.867)	ND	(0.437)
4-Bromophenyl phenyl ether	ND	(0.490)	ND	(0.469)	ND	(0.469)	ND	(0.469)	ND	(0.497)
4-Chloro-3-methylphenol	ND	(0.520)	ND	(0.735)	ND	(0.735)	ND	(0.735)	ND	(0.528)
4-Chloroaniline	ND	(0.740)	ND	(0.571)	ND	(0.571)	ND	(0.571)	ND	(0.751)
4-Chlorophenyl phenyl ether	ND	(0.420)	ND	(0.541)	ND	(0.541)	ND	(0.541)	ND	(0.426)
4-Methylphenol(p-cresol)	ND	(0.460)	ND	(0.592)	ND	(0.592)	ND	(0.592)	ND	(0.467)
4-Nitroaniline	ND	(0.610)	ND	(0.490)	ND	(0.490)	ND	(0.490)	ND	(0.619)
4-Nitrophenol	ND	(0.940)	ND	(0.704)	ND	(0.704)	ND	(0.704)	ND	(0.954)
Acenaphthene	ND	(0.270)	ND	(0.490)	ND	(0.490)	ND	(0.490)	ND	(0.274)
Acenaphthylene	ND	(0.420)	ND	(0.235)	ND	(0.235)	ND	(0.235)	ND	(0.426)
Anthracene	ND	(0.370)	ND	(0.592)	ND	(0.592)	ND	(0.592)	ND	(0.376)
Benzo(a)anthracene	ND	(0.450)	ND	(0.520)	ND	(0.520)	ND	(0.520)	ND	(0.457)
Benzo(a)pyrene	ND	(0.520)	ND	(0.388)	ND	(0.388)	ND	(0.388)	ND	(0.528)
Benzo(b)fluoranthene	ND	(0.910)	ND	(0.582)	ND	(0.582)	ND	(0.582)	ND	(0.924)
Benzo(g,h,i)perylene	ND	(1.00)	ND	(0.500)	ND	(0.500)	ND	(0.500)	ND	(1.02)
Benzo(k)fluoranthene	ND	(1.00)	ND	(0.990)	ND	(0.990)	ND	(0.990)	ND	(1.02)
Benzoic acid	ND	(39.0)	ND	(4.29)	ND	(4.29)	ND	(4.29)	ND	(39.6)
Benzyl alcohol	ND	(0.610)	ND	(1.12)	ND	(1.12)	ND	(1.12)	ND	(0.619)
Butylbenzylphthalate	ND	(0.620)	ND	(0.398)	ND	(0.398)	ND	(0.398)	ND	(0.629)
Chrysene	ND	(0.540)	ND	(0.684)	ND	(0.684)	ND	(0.684)	ND	(0.548)
Di-n-butylphthalate	ND	(0.320)	ND	(0.500)	ND	(0.500)	ND	(0.500)	ND	(0.325)

Compiled: 16 March 1995

() = Detection Limit

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NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	04				005				005			
	LOCATION ID SAMPLE ID				LOCATION ID SAMPLE ID				LOCATION ID SAMPLE ID			
	04-MW-03	04-MW-03-03			05-MW-01	05-MW-01-03			05-MW-02	05-MW-02-03		
SW8270 - Semivolatile Organics, cont. (ug/L)												
Di-n-octylphthalate	ND	(0.350)	[1]		ND	(0.929)	[1]		ND	(0.929)	[1]	ND (0.355) [1]
Dibenz(a,h)anthracene	ND	(0.810)	[1]		ND	(0.480)	[1]		ND	(0.480)	[1]	ND (0.822) [1]
Dibenzofuran	ND	(0.540)	[1]		ND	(0.418)	[1]		ND	(0.418)	[1]	ND (0.548) [1]
Diethylphthalate	ND	(0.520)	[1]		ND	(0.347)	[1]		ND	(0.347)	[1]	ND (0.528) [1]
Dimethylphthalate	ND	(0.340)	[1]		ND	(0.286)	[1]		ND	(0.286)	[1]	ND (0.345) [1]
Fluoranthene	ND	(0.470)	[1]		ND	(0.653)	[1]		ND	(0.653)	[1]	ND (0.477) [1]
Fluorene	ND	(0.380)	[1]		ND	(0.347)	[1]		ND	(0.347)	[1]	ND (0.386) [1]
Hexachlorobenzene	ND	(0.310)	[1]		ND	(0.235)	[1]		ND	(0.235)	[1]	ND (0.315) [1]
Hexachlorobutadiene	ND	(0.510)	[1]		ND	(0.714)	[1]		ND	(0.714)	[1]	ND (0.518) [1]
Hexachlorocyclopentadiene	ND	(5.90)	[1]		ND	(9.08)	[1]		ND	(9.08)	[1]	ND (5.99) [1]
Hexachloroethane	ND	(0.630)	[1]		ND	(0.602)	[1]		ND	(0.602)	[1]	ND (0.640) [1]
Indeno(1,2,3-cd)pyrene	ND	(1.30)	[1]		ND	(0.531)	[1]		ND	(0.531)	[1]	ND (1.32) [1]
Isophorone	ND	(0.620)	[1]		ND	(0.296)	[1]		ND	(0.296)	[1]	ND (0.629) [1]
N-Nitroso-di-n-propylamine	ND	(0.650)	[1]		ND	(0.765)	[1]		ND	(0.765)	[1]	ND (0.660) [1]
N-Nitrosodiphenylamine	ND	(0.270)	[1]		ND	(0.571)	[1]		ND	(0.571)	[1]	ND (0.274) [1]
Naphthalene	ND	(0.480)	[1]		ND	(0.745)	[1]		ND	(0.745)	[1]	ND (0.487) [1]
Nitrobenzene	ND	(0.840)	[1]		ND	(0.541)	[1]		ND	(0.541)	[1]	ND (0.853) [1]
PentachlorophenoI	ND	(0.890)	[1]		ND	(0.878)	[1]		ND	(0.878)	[1]	ND (0.904) [1]
Phenanthrene	ND	(0.470)	[1]		ND	(0.633)	[1]		ND	(0.633)	[1]	ND (0.477) [1]
Phenol	ND	(0.880)	[1]		8.70	(0.408)	[1]		ND	(0.408)	[1]	92.5 (0.893) [1]
Pyrene	ND	(0.410)	[1]		ND	(0.480)	[1]		ND	(0.480)	[1]	ND (0.416) [1]
bis(2-Chloroethoxy)methane	ND	(0.610)	[1]		ND	(0.571)	[1]		ND	(0.571)	[1]	ND (0.619) [1]
bis(2-Chloroethyl) ether	ND	(0.380)	[1]		ND	(0.745)	[1]		ND	(0.745)	[1]	ND (0.386) [1]
bis(2-Chloroisopropyl) ether	ND	(0.800)	[1]		ND	(0.745)	[1]		ND	(0.745)	[1]	ND (0.812) [1]
bis(2-Ethylhexyl)phthalate	1.53 B	(0.580)	[1]		ND	(1.84)	[1]		ND	(1.84)	[1]	R (0.589) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	LOCATION ID		SAMPLE ID															
			005				005				005							
			05-MW-03	05-MW-03 Dup of	05-MW-04	05-MW-05	05-MW-06											
			05-MW-03-03	05-MW-03-03	05-MW-04-03	05-MW-05-03	05-MW-06-03											

Diesel Range Organics (ug/L)	220	(	200)	[1]	1500	(	200)	[1]	770	(	200)	[1]	4.00	JB	(	200)	[1]
Diesel Range Organics																		
Gasoline Range Organics (ug/L)	10000	(	100)	[1]	170000	(	100)	[1]	42000	(	100)	[1]	42.0	JB	(	100)	[1]
Gasoline Range Organics																		
SW8010 - Halogenated Volatile Organics (ug/L)																		
1,1,1,2-Tetrachloroethane	0.00370	JB	(	0.0400)	[1]	0.0408	(	0.0220)	[1]	ND	(	0.0219)	[1]	ND	(	0.0220)	[1]
1,1,1-Trichloroethane	ND		(	0.0920)	[1]	0.368	(	0.150)	[1]	ND	(	0.0920)	[1]	ND	(	0.150)	[1]
1,1,2,2-Tetrachloroethane	0.219		(	0.100)	[1]	ND	(	0.140)	[1]	ND	(	0.144)	[1]	ND	(	0.140)	[1]
1,1,2-Trichloroethane	ND		(0.100)	[1]	0.0308	J	(0.0450)	[1]	ND	(0.100)	[1]	ND	(0.0450)	[1]
1,1-Dichloroethane	0.00200	JB	(0.0480)	[1]	0.00480	JB	(0.0220)	[1]	ND	(0.0480)	[1]	ND	(0.0220)	[1]
1,1-Dichloroethene	ND		(	0.100)	[1]	ND	(	0.110)	[1]	ND	(	0.112)	[1]	ND	(	0.110)	[1]
1,2,3-Trichloropropane	ND		(	0.120)	[1]	ND	(	0.110)	[1]	ND	(	0.120)	[1]	ND	(	0.110)	[1]
1,2-Dichlorobenzene	0.00290	JB	(0.170)	[1]	0.0336	J	(0.0950)	[1]	ND	(0.0949)	[1]	ND	(0.0950)	[1]
1,2-Dichloroethane	0.0130	J	(	0.0540)	[1]	ND	(	0.0820)	[1]	14.5	(	0.0540)	[1]	ND	(	0.0540)	[1]
1,2-Dichloropropane	ND		(	0.0750)	[1]	ND	(	0.0230)	[1]	ND	(	0.0750)	[1]	ND	(	0.0230)	[1]
1,3-Dichlorobenzene	ND		(	0.150)	[1]	ND	(	0.0880)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]
1,4-Dichlorobenzene	ND		(	0.190)	[1]	0.127	(	0.0910)	[1]	ND	(	0.0908)	[1]	ND	(	0.0910)	[1]
1-Chlorohexane	0.0816	J	(	0.120)	[1]	0.0685	(	0.0400)	[1]	ND	(	0.0404)	[1]	ND	(	0.0400)	[1]
2-Chloroethyl vinyl ether	ND		(	0.170)	[1]	0.151	(	0.100)	[1]	ND	(	0.170)	[1]	ND	(	0.100)	[1]
Bromobenzene	ND		(	0.530)	[1]	ND	(	0.0450)	[1]	ND	(	0.530)	[1]	ND	(	0.0450)	[1]
Bromodichloromethane	0.00280	J	(0.0680)	[1]	0.0335	J	(0.0890)	[1]	ND	(0.0886)	[1]	ND	(0.0890)	[1]
Bromomethane	ND		(	0.0560)	[1]	ND	(	0.0860)	[1]	ND	(	0.0858)	[1]	ND	(	0.0860)	[1]
Carbon tetrachloride	ND		(0.110)	[1]	ND	(0.0850)	[1]	ND	(0.0854)	[1]	ND	(0.0850)	[1]	

Compiled: 16 March 1995

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[] =

Dilution Factor

ND =

Not Detected

NA =

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
					05-MW-03		05-MW-04		05-MW-05	
	05-MW-03-DS-03 Dup of		05-MW-03-03		05-MW-03-03		05-MW-04-03		05-MW-05-03	

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
					05-MW-03		05-MW-04		05-MW-06	
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-05-03		05-MW-06-03			
	05-MW-03-03									

SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	ND	(24.8)	[250]	ND	(198)	[2000]	2.69	PJ	(9.90)	[100]
1,4-Dichlorobenzene	ND	(23.8)	[250]	ND	(190)	[2000]	ND		(16.0)	[100]
Benzene	2270	(17.5)	[250]	33200	(140)	[2000]	17300		(70.0)	[1000]
Chlorobenzene	ND	(11.2)	[250]	ND	(90.0)	[2000]	2.57	PJ	(4.50)	[100]
Ethylbenzene	119	(17.0)	[250]	615	(136)	[2000]	336		(6.80)	[100]
Toluene	1330	(12.0)	[250]	10200	(96.0)	[2000]	3900		(4.80)	[100]
Xylene (total)	374	(21.2)	[250]	1570	(170)	[2000]	923		(8.50)	[100]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.0242)	[1]	0.0308	B	(0.0236)	[1]	0.101	(0.0245)	[1]
4,4'-DDE	ND	(0.00495)	[1]	0.0113	B	(0.00483)	[1]	ND	(0.00357)	[1]
4,4'-DDT	ND	(0.00707)	[1]	0.0196	B	(0.00690)	[1]	ND	(0.00714)	[1]
Aldrin	ND	(0.00414)	[1]	0.0205	(0.00236)	[1]	0.0344		(0.00245)	[1]
Chlordane	ND	(0.0303)	[1]	ND	(0.0296)	[1]	ND		(0.0306)	[1]
Dieldrin	ND	(0.00566)	[1]	0.0140	(0.00552)	[1]	ND		(0.00480)	[1]
Endosulfan I	ND	(0.00485)	[1]	ND	(0.00473)	[1]	ND		(0.00490)	[1]
Endosulfan II	ND	(0.0182)	[1]	ND	(0.0177)	[1]	0.00960	J	(0.0184)	[1]
Endosulfan Sulfate	ND	(0.0141)	[1]	ND	(0.0138)	[1]	ND		(0.0133)	[1]
Endrin	ND	(0.0172)	[1]	0.0199	(0.0167)	[1]	ND		(0.00969)	[1]
Endrin Aldehyde	ND	(0.0111)	[1]	0.0190	(0.0108)	[1]	ND		(0.0112)	[1]
Heptachlor	0.00780	B (0.00293)	[1]	0.0139	(0.00286)	[1]	0.0261	P	(0.00265)	[1]
Heptachlor epoxide	0.0111	PB (0.00333)	[1]	0.00420	PB (0.00325)	[1]	0.0237	B	(0.00337)	[1]
Methoxychlor	ND	(0.0394)	[1]	ND	(0.0384)	[1]	ND		(0.0398)	[1]
PCB-1016	ND	(0.0465)	[1]	ND	(0.0453)	[1]	ND		(0.0469)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	005		005		005		005		005	
	05-MW-03		05-MW-04		05-MW-05		05-MW-06		05-MW-06-03	
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-05-03					
	05-MW-03-03									
	PCB-1221	ND (0.0485)	[1]	ND (0.0473)	[1]	ND (0.0490)	[1]	ND (0.0475)	[1]	
	PCB-1232	ND (0.0717)	[1]	ND (0.0700)	[1]	ND (0.0724)	[1]	ND (0.0703)	[1]	
	PCB-1242	ND (0.0566)	[1]	ND (0.0552)	[1]	ND (0.0571)	[1]	ND (0.0554)	[1]	
	PCB-1248	ND (0.0545)	[1]	ND (0.0532)	[1]	ND (0.0551)	[1]	ND (0.0535)	[1]	
	PCB-1254	ND (0.0747)	[1]	ND (0.0729)	[1]	ND (0.0755)	[1]	ND (0.0733)	[1]	
	PCB-1260	ND (0.0515)	[1]	ND (0.0502)	[1]	ND (0.0520)	[1]	ND (0.0505)	[1]	
	Toxaphene	ND (0.101)	[1]	ND (0.0985)	[1]	ND (0.102)	[1]	ND (0.0990)	[1]	
	alpha-BHC	ND (0.00202)	[1]	ND (0.00197)	[1]	ND (0.00143)	[1]	ND (0.00198)	[1]	
	beta-BHC	ND (0.0475)	[1]	ND (0.0463)	[1]	ND (0.0480)	[1]	ND (0.0465)	[1]	
SW8270 - Semivolatile Organics (ug/L)	delta-BHC	ND (0.00182)	[1]	0.0351 B (0.00177)	[1]	0.0942 (0.00184)	[1]	ND (0.00178)	[1]	
	gamma-BHC(Lindane)	0.0237 (0.00232)	[1]	0.0629 (0.00227)	[1]	0.0624 (0.00235)	[1]	ND (0.00228)	[1]	
	1,2,4-Trichlorobenzene	ND (0.590)	[1]	ND (0.605)	[1]	ND (0.587)	[1]	ND (0.602)	[1]	
	1,2-Dichlorobenzene	ND (0.640)	[1]	ND (0.800)	[1]	ND (0.637)	[1]	ND (0.796)	[1]	
	1,3-Dichlorobenzene	ND (0.720)	[1]	ND (0.400)	[1]	ND (0.716)	[1]	ND (0.398)	[1]	
	1,4-Dichlorobenzene	ND (0.590)	[1]	ND (0.831)	[1]	ND (0.587)	[1]	ND (0.827)	[1]	
	2,4,5-Trichlorophenol	ND (0.510)	[1]	ND (0.338)	[1]	ND (0.507)	[1]	ND (0.337)	[1]	
	2,4,6-Trichlorophenol	ND (0.500)	[1]	ND (0.359)	[1]	ND (0.496)	[1]	ND (0.357)	[1]	
	2,4-Dichlorophenol	ND (0.570)	[1]	ND (0.451)	[1]	ND (0.567)	[1]	ND (0.449)	[1]	
	2,4-Dimethylphenol	3.97 (1.30)	[1]	42.9 (1.13)	[1]	14.4 (1.29)	[1]	ND (1.12)	[1]	
	2,4-Dinitrophenol	ND (4.20)	[1]	ND (7.69)	[1]	ND (4.18)	[1]	ND (7.65)	[1]	
	2,4-Dinitrotoluene	ND (0.590)	[1]	ND (0.564)	[1]	ND (0.587)	[1]	ND (0.561)	[1]	
	2,6-Dinitrotoluene	ND (0.860)	[1]	ND (0.359)	[1]	ND (0.856)	[1]	ND (0.357)	[1]	

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
					05-MW-03		05-MW-04		05-MW-06	
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-05-03		05-MW-06-03			
	05-MW-03-03									

SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Chloronaphthalene	ND	(0.390)	[1]	ND	(0.328)	[1]	ND	(0.388)	[1]	ND (0.327) [1]
2-Chlorophenol	ND	(0.640)	[1]	ND	(0.779)	[1]	ND	(0.637)	[1]	ND (0.776) [1]
2-Methylnaphthalene	3.21	(0.360)	[1]	21.7	(0.677)	[1]	17.2	(0.358)	[1]	ND (0.673) [1]
2-Methylphenol (o-cresol)	13.2	(0.310)	[1]	58.0	(0.544)	[1]	29.6	(0.308)	[1]	ND (0.541) [1]
2-Nitroaniline	ND	(0.660)	[1]	ND	(0.410)	[1]	ND	(0.657)	[1]	ND (0.408) [1]
2-Nitrophenol	ND	(0.520)	[1]	ND	(0.451)	[1]	ND	(0.517)	[1]	ND (0.449) [1]
3,3'-Dichlorobenzidine	ND	(0.330)	[1]	ND	(0.503)	[1]	ND	(0.328)	[1]	ND (0.500) [1]
3-Nitroaniline	ND	(0.390)	[1]	ND	(0.523)	[1]	ND	(0.388)	[1]	ND (0.520) [1]
4,6-Dinitro-2-methylphenol	ND	(0.430)	[1]	ND	(0.872)	[1]	ND	(0.428)	[1]	ND (0.867) [1]
4-Bromophenyl phenyl ether	ND	(0.490)	[1]	ND	(0.472)	[1]	ND	(0.488)	[1]	ND (0.469) [1]
4-Chloro-3-methylphenol	ND	(0.520)	[1]	ND	(0.738)	[1]	ND	(0.517)	[1]	ND (0.735) [1]
4-Chloroaniline	ND	(0.740)	[1]	ND	(0.574)	[1]	ND	(0.736)	[1]	ND (0.571) [1]
4-Chlorophenyl phenyl ether	ND	(0.420)	[1]	ND	(0.544)	[1]	ND	(0.418)	[1]	ND (0.541) [1]
4-Methylphenol(p-cresol)	15.3	(0.460)	[1]	58.0 F	(0.595)	[1]	35.3 F	(0.458)	[1]	ND (0.592) [1]
4-Nitroaniline	ND	(0.610)	[1]	ND	(0.492)	[1]	ND	(0.607)	[1]	ND (0.490) [1]
4-Nitrophenol	ND	(0.940)	[1]	4.89	(0.708)	[1]	ND	(0.935)	[1]	ND (0.704) [1]
Acenaphthene	ND	(0.270)	[1]	ND	(0.492)	[1]	ND	(0.269)	[1]	ND (0.490) [1]
Acenaphthylene	ND	(0.420)	[1]	ND	(0.236)	[1]	ND	(0.418)	[1]	ND (0.235) [1]
Anthracene	ND	(0.370)	[1]	ND	(0.595)	[1]	ND	(0.368)	[1]	ND (0.592) [1]
Benzo(a)anthracene	ND	(0.450)	[1]	ND	(0.523)	[1]	ND	(0.448)	[1]	ND (0.520) [1]
Benzo(a)pyrene	ND	(0.520)	[1]	ND	(0.390)	[1]	ND	(0.517)	[1]	ND (0.388) [1]
Benzo(b)fluoranthene	ND	(0.910)	[1]	ND	(0.585)	[1]	ND	(0.905)	[1]	ND (0.582) [1]
Benzo(g,h,i)perylene	ND	(1.00)	[1]	ND	(0.503)	[1]	ND	(0.995)	[1]	ND (0.500) [1]
Benzo(k)fluoranthene	ND	(1.00)	[1]	ND	(0.995)	[1]	ND	(0.995)	[1]	ND (0.990) [1]

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

R = Invalid Result, Refer to QC Report

A7-32

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
	05-MW-13		05-MW-14		05-MW-13-01		05-MW-14-01		05-MW-14-01 Dup of 05-MW-15-01	
PARAMETER	05-MW-13-01		05-MW-14-01		05-MW-14-01		05-MW-14-01		05-MW-14-01	
	320	(200)	[1]	7.00 JB (200)	[1]	9.00 JB (200)	[1]	36.0 JB (200)	[1]	005
Diesel Range Organics (ug/L)										05-MW-15
Diesel Range Organics										05-MW-15-01
Gasoline Range Organics (ug/L)										
Gasoline Range Organics	26.0 JB (100)	[1]	17.0 JB (100)	[1]	18.0 JB (100)	[1]	49.0 JB (100)	[1]		
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	ND	(0.0852)	[1]	ND	(0.0219)	[1]	ND	(0.0219)	[1]	ND (0.0852)
1,1,1-Trichloroethane	0.287 B (0.166)	[1]	0.363 (0.147)	[1]	ND	(0.147)	[1]	ND	(0.147)	ND (0.166)
1,1,2,2-Tetrachloroethane	ND	(0.129)	[1]	ND	(0.144)	[1]	ND	(0.144)	[1]	ND (0.129)
1,1,2-Trichloroethane	ND	(0.123)	[1]	ND	(0.0454)	[1]	ND	(0.0454)	[1]	ND (0.123)
1,1-Dichloroethane	ND	(0.0666)	[1]	ND	(0.0222)	[1]	ND	(0.0222)	[1]	ND (0.0666)
1,1-Dichloroethene	ND	(0.0501)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]	ND (0.0501)
1,2,3-Trichloropropane	ND	(0.154)	[1]	ND	(0.109)	[1]	ND	(0.109)	[1]	ND (0.154)
1,2-Dichlorobenzene	ND	(0.0893)	[1]	ND	(0.0949)	[1]	ND	(0.0949)	[1]	ND (0.0893)
1,2-Dichloroethane	ND	(0.0800)	[1]	ND	(0.0823)	[1]	ND	(0.0823)	[1]	ND (0.0800)
1,2-Dichloropropane	ND	(0.0457)	[1]	ND	(0.0228)	[1]	ND	(0.0228)	[1]	ND (0.0457)
1,3-Dichlorobenzene	ND	(0.0688)	[1]	ND	(0.0878)	[1]	ND	(0.0878)	[1]	ND (0.0688)
1,4-Dichlorobenzene	ND	(0.0553)	[1]	ND	(0.0908)	[1]	ND	(0.0908)	[1]	ND (0.0553)
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.0404)	[1]	ND	(0.0404)	[1]	ND (0.154)
2-Chloroethyl vinyl ether	ND	(0.194)	[1]	ND	(0.101)	[1]	ND	(0.101)	[1]	ND (0.194)
Bromobenzene	ND	(0.132)	[1]	ND	(0.0451)	[1]	ND	(0.0451)	[1]	ND (0.132)
Bromodichloromethane	ND	(0.0448)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND (0.0448)
Bromomethane	ND	(0.252)	[1]	ND	(0.0858)	[1]	ND	(0.0858)	[1]	ND (0.252)
Carbon tetrachloride	ND	(0.0693)	[1]	ND	(0.0854)	[1]	ND	(0.0854)	[1]	ND (0.0693)

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	005	005	005	005
	05-MW-13	05-MW-14	05-MW-14	05-MW-15
	05-MW-13-01	05-MW-14-01	05-MW-14-DS-01 Dup of	05-MW-15-01
			05-MW-14-01	
	Chlorobenzene	ND (0.0513)	[1]	ND (0.124)
	Chloroethane	ND (0.115)	[1]	ND (0.0800)
	Chloroform	ND (0.0533)	[1]	ND (0.0258)
	Chloromethane	ND (0.172)	[1]	0.0163 JB (0.151)
	Dibromochloromethane	ND (0.114)	[1]	ND (0.0820)
	Dibromomethane	ND (0.118)	[1]	ND (0.0742)
SW8015 - Nonhalogenated Volatile Organics (mg/L)	Methylene chloride	0.838 TB (0.0562)	[1]	ND (0.0842)
	Tetrachloroethene	ND (0.0759)	[1]	ND (0.0750)
	Tribromomethane (Bromoform)	ND (0.0281)	[1]	ND (0.0944)
	Trichloroethene	ND (0.103)	[1]	ND (0.0732)
	Trichlorofluoromethane	ND (0.0637)	[1]	ND (0.0980)
	Vinyl chloride	ND (0.158)	[1]	ND (0.151)
	cis-1,3-Dichloropropene	ND (0.0565)	[1]	ND (0.0804)
	trans-1,2-Dichloroethene	ND (0.0448)	[1]	ND (0.0870)
	trans-1,3-Dichloropropene	ND (0.117)	[1]	ND (0.0719)
				0.404 TB (0.0562)
SW8020 - Aromatic Volatile Organics (ug/L)	2-Butanone (MEK)	ND (2.38)	[1]	ND (2.38)
	4-Methyl-2-pentanone (MIBK)	ND (1.46)	[1]	ND (1.46)
	Ethanol	ND (0.301)	[1]	ND (0.301)
	Ethyl ether	ND (1.16)	[1]	ND (1.16)
	1,2-Dichlorobenzene	ND (0.0796)	[1]	ND (0.0784)

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID												
PARAMETER	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	

SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
1,3-Dichlorobenzene	ND	(0.0756)	[1]	ND	(0.0780)	[1]	ND	(0.0780)	[1]	ND	(0.0756)	[1]
1,4-Dichlorobenzene	ND	(0.0813)	[1]	ND	(0.0711)	[1]	ND	(0.0711)	[1]	0.0391 JB	(0.0813)	[1]
Benzene	0.607 B	(0.0519)	[1]	0.0309 JB	(0.0832)	[1]	0.0733 JB	(0.0832)	[1]	0.0240 JB	(0.0519)	[1]
Chlorobenzene	0.0298 KJB	(0.0452)	[1]	ND	(0.0802)	[1]	0.0199 JB	(0.0802)	[1]	ND	(0.0452)	[1]
Ethylbenzene	ND	(0.0199)	[1]	ND	(0.0813)	[1]	0.0322 JB	(0.0813)	[1]	ND	(0.0436)	[1]
Toluene	0.162 B	(0.0647)	[1]	0.0223 JB	(0.0813)	[1]	0.119 B	(0.0813)	[1]	0.0732 B	(0.0647)	[1]
Xylene (total)	0.173 B	(0.127)	[1]	0.0268 JB	(0.0811)	[1]	0.112 B	(0.0811)	[1]	0.0373 JB	(0.127)	[1]

SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.597)	[1]	ND	(0.588)	[1]	ND	(0.588)	[1]	ND	(0.579)	[1]
1,2-Dichlorobenzene	ND	(0.787)	[1]	ND	(0.635)	[1]	ND	(0.635)	[1]	ND	(0.764)	[1]
1,3-Dichlorobenzene	ND	(0.400)	[1]	ND	(0.717)	[1]	ND	(0.717)	[1]	ND	(0.388)	[1]
1,4-Dichlorobenzene	ND	(0.816)	[1]	ND	(0.588)	[1]	ND	(0.588)	[1]	ND	(0.792)	[1]
2,4,5-Trichlorophenol	ND	(0.333)	[1]	ND	(0.509)	[1]	ND	(0.509)	[1]	ND	(0.324)	[1]
2,4,6-Trichlorophenol	ND	(0.353)	[1]	ND	(0.506)	[1]	ND	(0.506)	[1]	ND	(0.342)	[1]
2,4-Dichlorophenol	ND	(0.447)	[1]	ND	(0.569)	[1]	ND	(0.569)	[1]	ND	(0.434)	[1]
2,4-Dimethylphenol	ND	(1.11)	[1]	ND	(1.30)	[1]	ND	(1.30)	[1]	ND	(1.08)	[1]
2,4-Dinitrophenol	ND	(7.07)	[1]	ND	(4.18)	[1]	ND	(4.18)	[1]	ND	(6.86)	[1]
2,4-Dinitrotoluene	ND	(0.556)	[1]	ND	(0.591)	[1]	ND	(0.591)	[1]	ND	(0.539)	[1]
2,6-Dinitrotoluene	ND	(0.349)	[1]	ND	(0.861)	[1]	ND	(0.861)	[1]	ND	(0.339)	[1]
2-Chloronaphthalene	ND	(0.327)	[1]	ND	(0.392)	[1]	ND	(0.392)	[1]	ND	(0.318)	[1]
2-Chlorophenol	ND	(0.772)	[1]	ND	(0.635)	[1]	ND	(0.635)	[1]	ND	(0.749)	[1]
2-Methylnaphthalene	ND	(0.667)	[1]	ND	(0.364)	[1]	ND	(0.364)	[1]	ND	(0.647)	[1]
2-Methylphenol (o-creso)	ND	(0.539)	[1]	ND	(0.310)	[1]	ND	(0.310)	[1]	ND	(0.524)	[1]

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

A7-37

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
	05-MW-13		05-MW-14-01		05-MW-14		05-MW-14-DS-01 Dup of		05-MW-15	
	05-MW-13-01		05-MW-14-01		05-MW-14		05-MW-14-01		05-MW-15-01	
SW8270 - Semivolatile Organics, cont. (ug/L)										
Di-n-butylphthalate	ND	(0.498)	[1]	ND	(0.324)	[1]	ND	(0.324)	[1]	ND (0.483)
Di-n-octylphthalate	ND	(0.920)	[1]	ND	(0.352)	[1]	ND	(0.352)	[1]	ND (0.893)
Dibenz(a,h)anthracene	ND	(0.479)	[1]	ND	(0.811)	[1]	ND	(0.811)	[1]	ND (0.465)
Dibenzofuran	ND	(0.412)	[1]	ND	(0.537)	[1]	ND	(0.537)	[1]	ND (0.400)
Diethylphthalate	ND	(0.339)	[1]	ND	(0.515)	[1]	ND	(0.515)	[1]	ND (0.329)
Dimethylphthalate	ND	(0.283)	[1]	ND	(0.336)	[1]	ND	(0.336)	[1]	ND (0.275)
Diphenylamine/N-NitrosodPA	ND	(0.572)	[1]	ND	(0.269)	[1]	ND	(0.269)	[1]	ND (0.555)
Fluoranthene	ND	(0.644)	[1]	ND	(0.471)	[1]	ND	(0.471)	[1]	ND (0.625)
Fluorene	ND	(0.339)	[1]	ND	(0.380)	[1]	ND	(0.380)	[1]	ND (0.329)
Hexachlorobenzene	ND	(0.236)	[1]	ND	(0.314)	[1]	ND	(0.314)	[1]	ND (0.229)
Hexachlorobutadiene	ND	(0.705)	[1]	ND	(0.512)	[1]	ND	(0.512)	[1]	ND (0.684)
Hexachlorocyclopentadiene	ND	(9.01)	[1]	ND	(5.89)	[1]	ND	(5.89)	[1]	ND (8.75)
Hexachloroethane	ND	(0.600)	[1]	ND	(0.635)	[1]	ND	(0.635)	[1]	ND (0.582)
Indeno(1,2,3-cd)pyrene	ND	(0.530)	[1]	ND	(1.33)	[1]	ND	(1.33)	[1]	ND (0.515)
Isophorone	ND	(0.290)	[1]	ND	(0.616)	[1]	ND	(0.616)	[1]	ND (0.281)
N-Nitroso-di-n-propylamine	ND	(0.759)	[1]	ND	(0.654)	[1]	ND	(0.654)	[1]	ND (0.736)
Naphthalene	ND	(0.736)	[1]	ND	(0.478)	[1]	ND	(0.478)	[1]	ND (0.715)
Nitrobenzene	ND	(0.533)	[1]	ND	(0.842)	[1]	ND	(0.842)	[1]	ND (0.518)
Pentachlorophenol	ND	(0.873)	[1]	ND	(0.889)	[1]	ND	(0.889)	[1]	ND (0.847)
Phenanthrene	ND	(0.628)	[1]	ND	(0.468)	[1]	ND	(0.468)	[1]	ND (0.610)
Phenol	ND	(0.403)	[1]	ND	(0.883)	[1]	ND	(0.883)	[1]	ND (0.391)
Pyrene	ND	(0.473)	[1]	ND	(0.408)	[1]	ND	(0.408)	[1]	ND (0.459)
bis(2-Chloroethoxy)methane	ND	(0.568)	[1]	ND	(0.606)	[1]	ND	(0.606)	[1]	ND (0.551)
bis(2-Chloroethyl)ether	ND	(0.739)	[1]	ND	(0.383)	[1]	ND	(0.383)	[1]	ND (0.718)

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	SAMPLE ID		SAMPLE ID	
	008	008	008	008
	06-MW-01	06-MW-01	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A

Diesel Range Organics (ug/L)				
Diesel Range Organics	NA	8.00 JB (200) [1]	NA	4.00 JB (200) [1]
Gasoline Range Organics (ug/L)				
Gasoline Range Organics	NA	1700 (100) [1]	NA	79.0 J (100) [1]

SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND (4.00) [100]	NA	ND (0.0400) [1]	NA
1,1,1-Trichloroethane	ND (9.20) [100]	NA	ND (0.0920) [1]	NA
1,1,2,2-Tetrachloroethane	ND (10.0) [100]	NA	ND (0.100) [1]	NA
1,1,2-Trichloroethane	ND (10.0) [100]	NA	ND (0.0450) [1]	NA
1,1-Dichloroethane	ND (4.80) [100]	NA	ND (0.0480) [1]	NA
1,1-Dichloroethene	ND (10.0) [100]	NA	ND (0.100) [1]	NA
1,2,3-Trichloropropane	ND (12.0) [100]	NA	ND (0.120) [1]	NA
1,2-Dichlorobenzene	ND (17.0) [100]	NA	ND (0.170) [1]	NA
1,2-Dichloroethane	ND (5.40) [100]	NA	ND (0.0540) [1]	NA
1,2-Dichloropropane	ND (7.50) [100]	NA	ND (0.0750) [1]	NA
1,3-Dichlorobenzene	ND (15.0) [100]	NA	ND (0.150) [1]	NA
1,4-Dichlorobenzene	ND (19.0) [100]	NA	ND (0.190) [1]	NA
1-Chlorohexane	ND (12.0) [100]	NA	ND (0.120) [1]	NA
2-Chloroethyl vinyl ether	ND (17.0) [100]	NA	ND (0.170) [1]	NA
Bromobenzene	ND (53.0) [100]	NA	ND (0.530) [1]	NA
Bromodichloromethane	ND (6.80) [100]	NA	ND (0.0680) [1]	NA
Bromomethane	ND (5.60) [100]	NA	ND (0.0560) [1]	NA
Carbon tetrachloride	ND (11.0) [100]	NA	ND (0.110) [1]	NA
Chlorobenzene	ND (14.0) [100]	NA	ND (0.140) [1]	NA

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008
	06-MW-01	06-MW-01-03	06-MW-01	06-MW-02	06-MW-02-03	06-MW-02-03A
	06-MW-01-03	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03	06-MW-02-03A
SW8010 - Halogenated Volatile Organics, cont.: (ug/L)						
Chloroethane	ND (11.0) [100]	NA	ND	(0.110) [1]	NA	NA
Chloroform	ND (8.50) [100]	NA	ND	(0.0850) [1]	NA	NA
Chloromethane	ND (15.0) [100]	NA	ND	(0.150) [1]	NA	NA
Dibromochloromethane	ND (17.0) [100]	NA	ND	(0.170) [1]	NA	NA
Dibromomethane	ND (14.0) [100]	NA	ND	(0.140) [1]	NA	NA
Methylene chloride	ND (22.0) [100]	NA	ND	(0.220) [1]	NA	NA
Tetrachloroethene	ND (10.0) [100]	NA	ND	(0.100) [1]	NA	NA
Tribromomethane(Bromoform)	ND (14.0) [100]	NA	ND	(0.140) [1]	NA	NA
Trichloroethene	3500 (11.0) [100]	NA	9.14 (0.110) [1]	(0.110) [1]	NA	NA
Trichlorofluoromethane	ND (7.50) [100]	NA	ND	(0.0750) [1]	NA	NA
Vinyl chloride	ND (20.0) [100]	NA	ND	(0.200) [1]	NA	NA
cis-1,3-Dichloropropene	ND (7.40) [100]	NA	ND	(0.0740) [1]	NA	NA
trans-1,2-Dichloroethene	143 (10.0) [100]	NA	ND	(0.100) [1]	NA	NA
trans-1,3-Dichloropropene	ND (5.70) [100]	NA	ND	(0.0570) [1]	NA	NA
SW8015 - Nonhalogenated Volatile Organics (mg/L)						
2-Butanone(MEK)	ND (2.40) [1]	NA	ND	(2.40) [1]	NA	NA
4-Methyl-2-pentanone(MIBK)	ND (1.50) [1]	NA	ND	(1.50) [1]	NA	NA
Ethanol	ND (0.300) [1]	NA	ND	(0.300) [1]	NA	NA
Ethyl ether	ND (1.20) [1]	NA	ND	(1.20) [1]	NA	NA
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND (0.120) [1]	NA	ND	(0.0710) [1]	NA	NA
1,3-Dichlorobenzene	ND (0.0990) [1]	NA	ND	(0.0990) [1]	NA	NA
1,4-Dichlorobenzene	ND (0.0950) [1]	NA	ND	(0.0950) [1]	NA	NA

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

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R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	008	008	008	008
	06-MW-01	06-MW-01	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A

SW8020 - Aromatic Volatile Organics, cont. (ug/L)				
Benzene	0.482 B (	0.0700)	ND	(0.0700) [1] NA
Chlorobenzene	ND	(0.0450)	ND	(0.0450) [1] NA
Ethylbenzene	ND	(0.0680)	ND	(0.0680) [1] NA
Toluene	0.161 B (	0.0480)	ND	(0.100) [1] NA
Xylene (total)	0.0333 PJB (	0.0850)	ND	(0.0850) [1] NA

SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	0.00290 PJB (	0.00598)	0.101	(0.00577) [1] NA
4,4'-DDE	0.00560 JB (	0.00629)	0.00120 PJB	(0.00607) [1] NA
4,4'-DDT	0.0316 (	0.00680)	0.0227 B	(0.00657) [1] NA
Aldrin	ND	(0.00897)	ND	(0.00866) [1] NA
Chlordane	ND	(0.00959)	ND	(0.00925) [1] NA
Dieldrin	ND	(0.00660)	ND	(0.00637) [1] NA
Endosulfan I	ND	(0.00969)	ND	(0.00308) [1] NA
Endosulfan II	ND	(0.00701)	ND	(0.00677) [1] NA
Endosulfan Sulfate	ND	(0.0134)	ND	(0.0129) [1] NA
Endrin	ND	(0.0113)	ND	(0.0109) [1] NA
Endrin Aldehyde	ND	(0.00433)	ND	(0.00577) [1] NA
Heptachlor	ND	(0.00227)	ND	(0.00219) [1] NA
Heptachlor epoxide	ND	(0.00340)	ND	(0.00328) [1] NA
Methoxychlor	ND	(0.0412)	ND	(0.0398) [1] NA
PCB-1016	ND	(0.0567)	ND	(0.0547) [1] NA
PCB-1221	ND	(0.0763)	ND	(0.0736) [1] NA
PCB-1232	ND	(0.134)	ND	(0.129) [1] NA
PCB-1242	ND	(0.0536)	ND	(0.0517) [1] NA

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	008	008	008	008
	06-MW-01	06-MW-01	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	ND (0.0289) [1]	NA	ND (0.0279) [1]	NA
PCB-1254	ND (0.0412) [1]	NA	ND (0.0398) [1]	NA
PCB-1260	ND (0.0546) [1]	NA	ND (0.0527) [1]	NA
Toxaphene	ND (0.0351) [1]	NA	ND (0.0338) [1]	NA
alpha-BHC	0.00810 B (0.00206) [1]	NA	ND (0.00199) [1]	NA
beta-BHC	ND (0.00680) [1]	NA	ND (0.00657) [1]	NA
delta-BHC	ND (0.00371) [1]	NA	ND (0.00358) [1]	NA
gamma-BHC (Lindane)	0.0109 B (0.00330) [1]	NA	ND (0.00318) [1]	NA

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.621) [1]	NA	ND (0.631) [1]	NA
1,2-Dichlorobenzene	ND (0.674) [1]	NA	ND (0.684) [1]	NA
1,3-Dichlorobenzene	ND (0.758) [1]	NA	ND (0.770) [1]	NA
1,4-Dichlorobenzene	ND (0.621) [1]	NA	ND (0.631) [1]	NA
2,4,5-Trichlorophenol	ND (0.537) [1]	NA	ND (0.545) [1]	NA
2,4,6-Trichlorophenol	ND (0.526) [1]	NA	ND (0.535) [1]	NA
2,4-Dichlorophenol	ND (0.600) [1]	NA	ND (0.610) [1]	NA
2,4-Dimethylphenol	ND (1.37) [1]	NA	ND (1.39) [1]	NA
2,4-Dinitrophenol	ND (4.42) [1]	NA	ND (4.49) [1]	NA
2,4-Dinitrotoluene	ND (0.621) [1]	NA	ND (0.631) [1]	NA
2,6-Dinitrotoluene	ND (0.905) [1]	NA	ND (0.920) [1]	NA
2-Chloronaphthalene	ND (0.411) [1]	NA	ND (0.417) [1]	NA
2-Chlorophenol	ND (0.674) [1]	NA	ND (0.684) [1]	NA
2-Methylnaphthalene	ND (0.379) [1]	NA	ND (0.385) [1]	NA
2-Methylphenol (o-cresol)	ND (0.326) [1]	NA	ND (0.332) [1]	NA

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	008	008	008	008
	06-MW-01	06-MW-01	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A
SW8270 - Semivolatile Organics, cont. (ug/L)				
2-Nitroaniline	ND	NA	ND	NA
2-Nitrophenol	(0.695)	[1]	(0.706)	[1]
3,3'-Dichlorobenzidine	(0.547)	[1]	(0.556)	[1]
3-Nitroaniline	(0.347)	[1]	(0.353)	[1]
4,6-Dinitro-2-methylphenol	(0.411)	[1]	(0.417)	[1]
4-Bromophenyl phenyl ether	(0.453)	[1]	(0.460)	[1]
4-Chloro-3-methylphenol	(0.516)	[1]	(0.524)	[1]
4-Chloroaniline	(0.547)	[1]	(0.556)	[1]
4-Chlorophenyl phenyl ether	(0.779)	[1]	(0.791)	[1]
4-Methylphenol (p-cresol)	(0.442)	[1]	(0.449)	[1]
4-Nitroaniline	(0.484)	[1]	(0.492)	[1]
4-Nitrophenol	(0.642)	[1]	(0.652)	[1]
Acenaphthene	(0.989)	[1]	(1.01)	[1]
Acenaphthylene	(0.284)	[1]	(0.289)	[1]
Anthracene	(0.442)	[1]	(0.449)	[1]
Benzo(a)anthracene	(0.389)	[1]	(0.396)	[1]
Benzo(a)pyrene	(0.474)	[1]	(0.481)	[1]
Benzo(b)fluoranthene	(0.547)	[1]	(0.556)	[1]
Benzo(g,h,i)perylene	(0.958)	[1]	(0.973)	[1]
Benzo(k)fluoranthene	(1.05)	[1]	(1.07)	[1]
Benzoic acid	(1.05)	[1]	(1.07)	[1]
Butyl alcohol	(41.1)	[1]	(41.7)	[1]
Butylbenzylphthalate	(0.642)	[1]	(0.652)	[1]
Chrysene	(0.653)	[1]	(0.663)	[1]
Di-n-butylphthalate	(0.568)	[1]	(0.578)	[1]
	(0.337)	[1]	(0.342)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		LOCATION ID		LOCATION ID			
	SAMPLE ID		SAMPLE ID		SAMPLE ID			
	008		008		008			
	06-MW-01		06-MW-02		06-MW-02			
	06-MW-01-03		06-MW-02-03		06-MW-02-03A			

SW8270 - Semivolatile Organics, cont. (ug/L)								
Di-n-octylphthalate	ND	(0.368)	[1]	NA	ND	(0.374)	[1]	NA
Dibenz(a,h)anthracene	ND	(0.853)	[1]	NA	ND	(0.866)	[1]	NA
Dibenzofuran	ND	(0.568)	[1]	NA	ND	(0.578)	[1]	NA
Diethylphthalate	ND	(0.547)	[1]	NA	ND	(0.556)	[1]	NA
Dimethylphthalate	ND	(0.358)	[1]	NA	ND	(0.364)	[1]	NA
Fluoranthene	ND	(0.495)	[1]	NA	ND	(0.503)	[1]	NA
Fluorene	ND	(0.400)	[1]	NA	ND	(0.406)	[1]	NA
Hexachlorobenzene	ND	(0.326)	[1]	NA	ND	(0.332)	[1]	NA
Hexachlorobutadiene	ND	(0.537)	[1]	NA	ND	(0.545)	[1]	NA
Hexachlorocyclopentadiene	ND	(6.21)	[1]	NA	ND	(6.31)	[1]	NA
Hexachloroethane	ND	(0.663)	[1]	NA	ND	(0.674)	[1]	NA
Indeno(1,2,3-cd)pyrene	ND	(1.37)	[1]	NA	ND	(1.39)	[1]	NA
Isophorone	ND	(0.653)	[1]	NA	ND	(0.663)	[1]	NA
N-Nitroso-di-n-propylamine	ND	(0.684)	[1]	NA	ND	(0.695)	[1]	NA
N-Nitrosodiphenylamine	ND	(0.284)	[1]	NA	ND	(0.289)	[1]	NA
Naphthalene	ND	(0.505)	[1]	NA	ND	(0.513)	[1]	NA
Nitrobenzene	ND	(0.884)	[1]	NA	ND	(0.898)	[1]	NA
Pentachloropheno1	ND	(0.937)	[1]	NA	ND	(0.952)	[1]	NA
Phenanthrene	ND	(0.495)	[1]	NA	ND	(0.503)	[1]	NA
Pheno1	ND	(0.926)	[1]	NA	ND	(0.941)	[1]	NA
Pyrene	ND	(0.432)	[1]	NA	ND	(0.439)	[1]	NA
bis(2-Chloroethoxy)methane	ND	(0.642)	[1]	NA	ND	(0.652)	[1]	NA
bis(2-Chloroethyl)ether	ND	(0.400)	[1]	NA	ND	(0.406)	[1]	NA
bis(2-Chloroisopropyl)ether	ND	(0.842)	[1]	NA	ND	(0.856)	[1]	NA
bis(2-Ethylhexyl)phthalate	1.36 B	(0.611)	[1]	NA	1.21 B	(0.620)	[1]	NA

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

	SITE ID	
	LOCATION ID	SAMPLE ID
PARAMETER	008	008
	06-MW-01	06-MW-02
	06-MW-01-03	06-MW-02-03A

Compiled: 16 March 1995

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NA = Not Applicable

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A7-46

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
			008	008	008	008
			06-MW-03	06-MW-04	06-MW-04	06-MW-07
			06-MW-03-03	06-MW-04-03	06-MW-04-03A	06-MW-07-01
<hr/>						
Diesel Range Organics (ug/L)	4.00 JB (	200)	[1]	NA	850 (	200) [1] 4.00 JB (200) [1]
Diesel Range Organics						
Gasoline Range Organics (ug/L)	47.0 JB (	100)	[1]	NA	2200 (	100) [1] 45.0 JB (100) [1]
Gasoline Range Organics						
<hr/>						
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND (	0.0220)	[1]	ND (	0.0400)	[1] NA (0.0852) [1]
1,1,1-Trichloroethane	ND (	0.0920)	[1]	ND (	0.0920)	[1] NA (0.166) [1]
1,1,2,2-Tetrachloroethane	ND (	0.140)	[1]	ND (	0.140)	[1] NA (0.129) [1]
1,1,2-Trichloroethane	ND (	0.0450)	[1]	ND (	0.100)	[1] NA (0.123) [1]
1,1-Dichloroethane	ND (	0.0220)	[1]	ND (	0.0480)	[1] NA (0.0666) [1]
1,1-Dichloroethene	ND (	0.110)	[1]	ND (	0.100)	[1] NA (0.0501) [1]
1,2,3-Trichloropropane	ND (	0.110)	[1]	ND (	0.120)	[1] NA (0.154) [1]
1,2-Dichlorobenzene	ND (	0.0950)	[1]	0.00910 JB (	0.170)	[1] NA (0.0893) [1]
1,2-Dichloroethane	ND (	0.0820)	[1]	0.605 (	0.0540)	[1] NA (0.0800) [1]
1,2-Dichloropropane	ND (	0.0230)	[1]	ND (	0.0750)	[1] NA (0.0457) [1]
1,3-Dichlorobenzene	ND (	0.0880)	[1]	ND (	0.0880)	[1] NA (0.0688) [1]
1,4-Dichlorobenzene	ND (	0.0910)	[1]	ND (	0.190)	[1] NA (0.0553) [1]
1-Chlorohexane	ND (	0.0400)	[1]	ND (	0.0400)	[1] NA (0.154) [1]
2-Chloroethyl vinyl ether	ND (	0.100)	[1]	ND (	0.170)	[1] NA (0.194) [1]
Bromobenzene	ND (	0.0450)	[1]	ND (	0.530)	[1] NA (0.132) [1]
Bromodichloromethane	ND (	0.0890)	[1]	ND (	0.0680)	[1] NA (0.0448) [1]
Bromomethane	ND (	0.0860)	[1]	ND (	0.0560)	[1] NA (0.252) [1]
Carbon tetrachloride	ND (0.0850)	[1]	ND (0.110)	[1] NA (0.0693) [1]
Chlorobenzene	ND (0.120)	[1]	ND (0.140)	[1] NA (0.0513) [1]

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008				008				008			
	06-MW-03				06-MW-04				06-MW-04			
	06-MW-03-03				06-MW-04-03				06-MW-04-03A			
SW8010 - Halogenated Volatile Organics, cont. (ug/L)												
Chloroethane	ND	(	0.110)	[1]	ND	(	0.110)	[1]	NA	ND	(	0.115)
Chloroform	ND	(	0.0260)	[1]	ND	(	0.0850)	[1]	NA	ND	(	0.0533)
Chloromethane	ND	(	0.150)	[1]	ND	(	0.150)	[1]	NA	ND	(	0.172)
Dibromochloromethane	ND	(	0.0820)	[1]	ND	(	0.170)	[1]	NA	ND	(	0.114)
Dibromomethane	ND	(	0.0740)	[1]	ND	(	0.140)	[1]	NA	ND	(	0.118)
Methylene chloride	ND	(	0.220)	[1]	ND	(	0.220)	[1]	NA	0.211 B	(	0.0562)
Tetrachloroethene	ND	(	0.0750)	[1]	ND	(	0.100)	[1]	NA	ND	(	0.0759)
Tribromomethane(Bromoform)	ND	(	0.0940)	[1]	ND	(	0.140)	[1]	NA	ND	(	0.0281)
Trichloroethene	0.313	(	0.0730)	[1]	0.0111 J	(	0.110)	[1]	NA	ND	(	0.103)
Trichlorofluoromethane	ND	(	0.0980)	[1]	ND	(	0.0750)	[1]	NA	ND	(	0.0637)
Vinyl chloride	ND	(	0.150)	[1]	ND	(	0.200)	[1]	NA	ND	(	0.158)
cis-1,3-Dichloropropene	ND	(	0.0800)	[1]	ND	(	0.0740)	[1]	NA	ND	(	0.0565)
trans-1,2-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.100)	[1]	NA	ND	(	0.0448)
trans-1,3-Dichloropropene	ND	(	0.0720)	[1]	ND	(	0.0570)	[1]	NA	ND	(	0.117)
SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	ND	(	2.40)	[1]	ND	(	2.40)	[1]	NA	NA		
4-Methyl-2-pentanone(MIBK)	ND	(	1.50)	[1]	ND	(	1.50)	[1]	NA	NA		
Ethanol	ND	(	0.300)	[1]	ND	(	0.300)	[1]	NA	NA		
Ethyl ether	ND	(	1.20)	[1]	ND	(	1.20)	[1]	NA	NA		
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	0.193 B	(	0.0710)	[1]	12.8	(	0.355)	[5]	NA	ND	(	0.0796)
1,3-Dichlorobenzene	0.0889 JB	(0.0990)	[1]	ND	(0.650)	[5]	NA	ND	(0.0756)
1,4-Dichlorobenzene	0.0869 J	(0.0950)	[1]	1.79	(0.475)	[5]	NA	ND	(0.0813)

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PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
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SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	3.36	(0.0700)	[1]	428	(1.75)	[25]
Chlorobenzene	ND	(0.130)	[1]	0.301 P	(0.225)	[5]
Ethylbenzene	0.0948 B	(0.0680)	[1]	27.8	(0.340)	[5]
Toluene	0.0741 B	(0.0480)	[1]	1.16 B	(0.240)	[5]
Xylene (total)	0.187 B	(0.0850)	[1]	149	(2.12)	[25]
<hr/>						
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	(0.00792)	[1]	ND	(0.00571)	[1]
4,4'-DDE	ND	(0.00653)	[1]	ND	(0.00601)	[1]
4,4'-DDT	ND	(0.00990)	[1]	0.0163 B	(0.00650)	[1]
Aldrin	0.00910 PJB	(0.00921)	[1]	0.00360 JB	(0.00522)	[1]
Chlordane	ND	(0.0297)	[1]	ND	(0.00916)	[1]
Dieldrin	ND	(0.00792)	[1]	0.0113	(0.00630)	[1]
Endosulfan I	ND	(0.00614)	[1]	ND	(0.00305)	[1]
Endosulfan II	0.0331	(0.00495)	[1]	ND	(0.00670)	[1]
Endosulfan Sulfate	0.0347	(0.0139)	[1]	ND	(0.0128)	[1]
Endrin	ND	(0.0119)	[1]	ND	(0.0108)	[1]
Endrin Aldehyde	ND	(0.00653)	[1]	ND	(0.00571)	[1]
Heptachlor	ND	(0.00535)	[1]	0.00560 PB	(0.00266)	[1]
Heptachlor epoxide	0.0428 B	(0.00337)	[1]	ND	(0.00325)	[1]
Methoxychlor	ND	(0.0485)	[1]	ND	(0.0394)	[1]
PCB-1016	ND	(0.0990)	[1]	ND	(0.0542)	[1]
PCB-1221	ND	(0.188)	[1]	ND	(0.0729)	[1]
PCB-1232	ND	(0.0554)	[1]	ND	(0.128)	[1]
PCB-1242	ND	(0.0574)	[1]	ND	(0.0512)	[1]
<hr/>						
				0.0122 JB	(0.0519)	[1]
				ND	(0.0452)	[1]
				ND	(0.0436)	[1]
				0.113 B	(0.0647)	[1]
				ND	(0.127)	[1]
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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	008		008		008		008		008	
	06-MW-03	06-MW-03-03	06-MW-04	06-MW-04-03	06-MW-04	06-MW-04-03A	06-MW-07	06-MW-07-01		

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)										
PCB-1248	ND	(0.149)	[1]	ND	(0.0276)	[1]	NA	NA		
PCB-1254	ND	(0.0782)	[1]	ND	(0.0394)	[1]	NA	NA		
PCB-1260	ND	(0.0446)	[1]	ND	(0.0522)	[1]	NA	NA		
Toxaphene	ND	(0.00990)	[1]	ND	(0.0335)	[1]	NA	NA		
alpha-BHC	0.0173	(0.00396)	[1]	ND	(0.00197)	[1]	NA	NA		
beta-BHC	ND	(0.00921)	[1]	0.0708	(0.00650)	[1]	NA	NA		
delta-BHC	0.0166 B	(0.00218)	[1]	0.0535	(0.00355)	[1]	NA	NA		
gamma-BHC(Lindane)	ND	(0.00455)	[1]	ND	(0.00197)	[1]	NA	NA		

SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(0.584)	[1]	ND	(0.615)	[1]	NA	ND	(0.591)	[1]
1,2-Dichlorobenzene	ND	(0.634)	[1]	ND	(0.667)	[1]	NA	ND	(0.779)	[1]
1,3-Dichlorobenzene	ND	(0.713)	[1]	ND	(0.750)	[1]	NA	ND	(0.396)	[1]
1,4-Dichlorobenzene	ND	(0.584)	[1]	ND	(0.615)	[1]	NA	ND	(0.808)	[1]
2,4,5-Trichlorophenol	ND	(0.505)	[1]	ND	(0.531)	[1]	NA	ND	(0.330)	[1]
2,4,6-Trichlorophenol	ND	(0.495)	[1]	ND	(0.521)	[1]	NA	ND	(0.349)	[1]
2,4-Dichlorophenol	ND	(0.564)	[1]	ND	(0.594)	[1]	NA	ND	(0.443)	[1]
2,4-Dimethylphenol	ND	(1.29)	[1]	2.97	(1.35)	[1]	NA	ND	(1.10)	[1]
2,4-Dinitrophenol	ND	(4.16)	[1]	ND	(4.37)	[1]	NA	ND	(7.00)	[1]
2,4-Dinitrotoluene	ND	(0.584)	[1]	ND	(0.615)	[1]	NA	ND	(0.550)	[1]
2,6-Dinitrotoluene	ND	(0.851)	[1]	ND	(0.896)	[1]	NA	ND	(0.346)	[1]
2-Chloronaphthalene	ND	(0.386)	[1]	ND	(0.406)	[1]	NA	ND	(0.324)	[1]
2-Chlorophenol	ND	(0.634)	[1]	ND	(0.667)	[1]	NA	ND	(0.764)	[1]
2-Methylnaphthalene	ND	(0.356)	[1]	10.3	(0.375)	[1]	NA	ND	(0.660)	[1]
2-Methylphenol (o-cresol)	ND	(0.307)	[1]	ND	(0.323)	[1]	NA	ND	(0.534)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008
	06-MW-03	06-MW-04	06-MW-04	06-MW-04	06-MW-07	06-MW-07
	06-MW-03-03	06-MW-04-03	06-MW-04-03	06-MW-04-03A	06-MW-07-01	06-MW-07-01
PARAMETER						
SW8270 - Semivolatile Organics, cont. (ug/L)						
2-Nitroaniline	ND (0.653)	[1]	ND (0.687)	[1]	NA	ND (0.402)
2-Nitrophenol	ND (0.515)	[1]	ND (0.542)	[1]	NA	ND (0.440)
3,3'-Dichlorobenzidine	ND (0.327)	[1]	ND (0.344)	[1]	NA	ND (0.490)
3-Nitroaniline	ND (0.386)	[1]	ND (0.406)	[1]	NA	ND (0.509)
4,6-Dinitro-2-methylphenol	ND (0.426)	[1]	ND (0.448)	[1]	NA	ND (0.792)
4-Bromophenyl phenyl ether	ND (0.485)	[1]	ND (0.510)	[1]	NA	ND (0.456)
4-Chloro-3-methylphenol	ND (0.515)	[1]	ND (0.542)	[1]	NA	ND (0.723)
4-Chloroaniline	ND (0.733)	[1]	ND (0.771)	[1]	NA	ND (0.559)
4-Chlorophenyl phenyl ether	ND (0.416)	[1]	ND (0.437)	[1]	NA	ND (0.528)
4-Methylphenol(p-cresol)	ND (0.455)	[1]	ND (0.479)	[1]	NA	ND (0.575)
4-Nitroaniline	ND (0.604)	[1]	ND (0.635)	[1]	NA	ND (0.484)
4-Nitrophenol	ND (0.931)	[1]	ND (0.979)	[1]	NA	ND (0.691)
Acenaphthene	ND (0.267)	[1]	ND (0.281)	[1]	NA	ND (0.478)
Acenaphthylene	ND (0.416)	[1]	ND (0.437)	[1]	NA	ND (0.226)
Anthracene	ND (0.366)	[1]	ND (0.385)	[1]	NA	ND (0.581)
Benzo(a)anthracene	ND (0.446)	[1]	ND (0.469)	[1]	NA	ND (0.515)
Benzo(a)pyrene	ND (0.515)	[1]	ND (0.542)	[1]	NA	ND (0.383)
Benzo(b)fluoranthene	ND (0.901)	[1]	ND (0.948)	[1]	NA	ND (0.569)
Benzo(g,h,i)perylene	ND (0.990)	[1]	ND (1.04)	[1]	NA	ND (0.487)
Benzo(k)fluoranthene	ND (0.990)	[1]	ND (1.04)	[1]	NA	ND (0.968)
Benzoic acid	ND (38.6)	[1]	ND (40.6)	[1]	NA	ND (3.96)
Benzyl alcohol	ND (0.604)	[1]	ND (0.635)	[1]	NA	ND (1.08)
Butylbenzylphthalate	ND (0.614)	[1]	ND (0.646)	[1]	NA	ND (0.393)
Chrysene	ND (0.535)	[1]	ND (0.562)	[1]	NA	ND (0.669)
Di-n-butylphthalate	ND (0.317)	[1]	ND (0.333)	[1]	NA	ND (0.493)

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008 06-MW-03 06-MW-03-03	008 06-MW-04 06-MW-04-03	008 06-MW-04 06-MW-04-03A	008 06-MW-07 06-MW-07-01		
SW8270 - Semivolatile Organics, cont. (ug/L)						
Di-n-octylphthalate	ND (0.347) [1]	ND (0.365) [1]	NA	ND (0.911) [1]		
Dibenz(a,h)anthracene	ND (0.802) [1]	ND (0.844) [1]	NA	ND (0.474) [1]		
Dibenzofuran	ND (0.535) [1]	ND (0.562) [1]	NA	ND (0.408) [1]		
Diethylphthalate	ND (0.515) [1]	ND (0.542) [1]	NA	ND (0.336) [1]		
Dimethylphthalate	ND (0.337) [1]	ND (0.354) [1]	NA	ND (0.280) [1]		
Diphenylamine/N-NitrosodPA	NA	NA	NA	ND (0.566) [1]		
Fluoranthene	ND (0.465) [1]	ND (0.490) [1]	NA	ND (0.638) [1]		
Fluorene	ND (0.376) [1]	ND (0.396) [1]	NA	ND (0.336) [1]		
Hexachlorobenzene	ND (0.307) [1]	ND (0.323) [1]	NA	ND (0.234) [1]		
Hexachlorobutadiene	ND (0.505) [1]	ND (0.531) [1]	NA	ND (0.698) [1]		
Hexachlorocyclopentadiene	ND (5.84) [1]	ND (6.15) [1]	NA	ND (8.92) [1]		
Hexachloroethane	ND (0.624) [1]	ND (0.656) [1]	NA	ND (0.594) [1]		
Indeno(1,2,3-cd)pyrene	ND (1.29) [1]	ND (1.35) [1]	NA	ND (0.525) [1]		
Isophorone	ND (0.614) [1]	ND (0.646) [1]	NA	ND (0.287) [1]		
N-Nitroso-di-n-propylamine	ND (0.644) [1]	ND (0.677) [1]	NA	ND (0.751) [1]		
N-Nitrosodiphenylamine	ND (0.267) [1]	ND (0.281) [1]	NA	NA		
Naphthalene	ND (0.475) [1]	18.7 (0.500) [1]	NA	ND (0.729) [1]		
Nitrobenzene	ND (0.832) [1]	ND (0.875) [1]	NA	ND (0.528) [1]		
Pentachlorophenol	ND (0.881) [1]	ND (0.927) [1]	NA	ND (0.864) [1]		
Phenanthrene	ND (0.465) [1]	ND (0.490) [1]	NA	ND (0.622) [1]		
Phenol	ND (0.871) [1]	14.5 (0.917) [1]	NA	ND (0.399) [1]		
Pyrene	ND (0.406) [1]	ND (0.427) [1]	NA	ND (0.468) [1]		
bis(2-Chloroethoxy)methane	ND (0.604) [1]	ND (0.635) [1]	NA	ND (0.562) [1]		
bis(2-Chloroethyl) ether	ND (0.376) [1]	ND (0.396) [1]	NA	ND (0.732) [1]		
bis(2-Chloroisopropyl) ether	ND (0.792) [1]	ND (0.833) [1]	NA	ND (0.726) [1]		

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008		3		3		3		3		3	
	06-MW-07		07-MW-01		07-MW-02		07-MW-02-03		07-MW-02-03		07-MW-02-03	
	06-MW-07-DS-01 Dup of		07-MW-01-03		07-MW-02-03		07-MW-02-03		07-MW-02-03		07-MW-02-03	
	07-MW-02-03											

Diesel Range Organics (ug/L)												
Diesel Range Organics	6.00	JB (	200)	[1]	2.00	JB (	20.0)	[1]	4.00	JB (	200)	[1]
Gasoline Range Organics (ug/L)												
Gasoline Range Organics	21.0	JB (	100)	[1]	17.0	B (	10.0)	[1]	39.0	JB (	100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(	0.0852)	[1]	ND	(	0.0285)	[1]	ND	(	0.0220)	[1]
1,1,1-Trichloroethane	ND	(	0.166)	[1]	ND	(	0.138)	[1]	ND	(	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.129)	[1]	ND	(	0.0427)	[1]	ND	(	0.140)	[1]
1,1,2-Trichloroethane	ND	(	0.123)	[1]	ND	(	0.0172)	[1]	ND	(	0.0450)	[1]
1,1-Dichloroethane	ND	(	0.0666)	[1]	ND	(	0.0729)	[1]	ND	(	0.0220)	[1]
1,1-Dichloroethene	ND	(	0.0501)	[1]	ND	(	0.0568)	[1]	ND	(	0.110)	[1]
1,2,3-Trichloropropane	ND	(	0.154)	[1]	ND	(	0.0367)	[1]	ND	(	0.110)	[1]
1,2-Dichlorobenzene	ND	(	0.0893)	[1]	ND	(	0.0288)	[1]	ND	(	0.0950)	[1]
1,2-Dichloroethane	ND	(	0.0800)	[1]	ND	(	0.0286)	[1]	ND	(	0.0820)	[1]
1,2-Dichloropropane	ND	(	0.0457)	[1]	ND	(	0.0320)	[1]	ND	(	0.0230)	[1]
1,3-Dichlorobenzene	ND	(	0.0688)	[1]	ND	(	0.0902)	[1]	ND	(	0.0880)	[1]
1,4-Dichlorobenzene	ND	(	0.0553)	[1]	ND	(	0.0322)	[1]	ND	(	0.0910)	[1]
1-Chlorohexane	ND	(	0.154)	[1]	ND	(	0.0957)	[1]	ND	(	0.0400)	[1]
2-Chloroethyl vinyl ether	ND	(	0.194)	[1]	ND	(	0.0281)	[1]	ND	(	0.100)	[1]
Bromobenzene	ND	(	0.132)	[1]	ND	(	0.0693)	[1]	ND	(	0.0450)	[1]
Bromodichloromethane	ND	(	0.0448)	[1]	ND	(	0.0150)	[1]	ND	(	0.0680)	[1]
Bromomethane	ND	(0.252)	[1]	ND	(0.161)	[1]	ND	(0.0860)	[1]
Carbon tetrachloride	ND	(0.0693)	[1]	ND	(0.0444)	[1]	ND	(0.0850)	[1]

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID	
LOCATION ID	SAMPLE ID
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06-MW-07	07-MW-02
06-MW-07-DS-01 Dup of	07-MW-02-DS-03 Dup of
07-MW-02-03	07-MW-02-03
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() = Detection Limit

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PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
<hr/>										
SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	ND	(0.0756)	[1]	ND	(0.0218)	[1]	ND	(0.0990)	[1]	0.0598 JB (0.0990) [1]
1,4-Dichlorobenzene	ND	(0.0813)	[1]	ND	(0.0131)	[1]	ND	(0.160)	[1]	0.0582 JB (0.0950) [1]
Benzene	0.0485 JB	(0.0519)	[1]	ND	(0.00980)	[1]	0.0913 B	(0.0700)	[1]	0.0841 B (0.0700) [1]
Chlorobenzene	0.0278 KJB	(0.0452)	[1]	ND	(0.0140)	[1]	ND	(0.0450)	[1]	ND (0.0450) [1]
Ethylbenzene	0.0386 KJB	(0.0436)	[1]	ND	(0.0199)	[1]	0.0481 JB	(0.0680)	[1]	0.0580 JB (0.0680) [1]
Toluene	0.208 B	(0.0647)	[1]	ND	(0.0330)	[1]	0.0975 B	(0.0480)	[1]	0.0927 B (0.0480) [1]
Xylene (total)	0.0431 PJB	(0.0528)	[1]	ND	(0.0528)	[1]	0.172 B	(0.0850)	[1]	0.202 B (0.0850) [1]
<hr/>										
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	NA		[1]	ND	(0.0270)	[1]	ND	(0.00800)	[1]	ND (0.00800) [1]
4,4'-DDE	NA		[1]	ND	(0.00550)	[1]	ND	(0.00540)	[1]	ND (0.00540) [1]
4,4'-DDT	0.00360 KJB	(0.00786)	[1]	ND	(0.00786)	[1]	ND	(0.0100)	[1]	ND (0.0100) [1]
Aldrin	NA		[1]	ND	(0.00270)	[1]	ND	(0.00350)	[1]	ND (0.00350) [1]
Chlordane	NA		[1]	ND	(0.0337)	[1]	ND	(0.0300)	[1]	ND (0.0300) [1]
Dieldrin	NA		[1]	0.0137	(0.00629)	[1]	ND	(0.00800)	[1]	ND (0.00800) [1]
Endosulfan I	NA		[1]	ND	(0.00539)	[1]	ND	(0.00620)	[1]	ND (0.00620) [1]
Endosulfan II	NA		[1]	ND	(0.0202)	[1]	ND	(0.00540)	[1]	ND (0.00540) [1]
Endosulfan Sulfate	NA		[1]	0.00490 KJB	(0.0146)	[1]	0.00840 JB	(0.0140)	[1]	0.00830 B (0.0140) [1]
Endrin	NA		[1]	0.00580 KJ	(0.0107)	[1]	ND	(0.0120)	[1]	ND (0.0120) [1]
Endrin Aldehyde	NA		[1]	ND	(0.0124)	[1]	ND	(0.00660)	[1]	ND (0.00660) [1]
Heptachlor	NA		[1]	ND	(0.00292)	[1]	ND	(0.00540)	[1]	0.00750 PJB (0.0330) [1]
Heptachlor.epoxide	NA		[1]	ND	(0.00371)	[1]	0.00470 PJB	(0.0250)	[1]	ND (0.250) [10]
Methoxychlor	NA		[1]	ND	(0.0438)	[1]	ND	(0.0490)	[1]	ND (0.0490) [1]
PCB-1016	NA		[1]	ND	(0.0517)	[1]	ND	(0.100)	[1]	ND (0.100) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			3			3			3		
	06-MW-07 06-MW-07-DS-01 Dup of 07-MW-02-03			07-MW-01 07-MW-01-03			07-MW-02 07-MW-02-03			07-MW-02-DS-03 Dup of 07-MW-02-03		
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
PCB-1221	NA	ND	(0.0539)	[1]	ND	(0.190)	[1]	ND	(0.190)	[1]	ND	(0.190)
PCB-1232	NA	ND	(0.0798)	[1]	ND	(0.0560)	[1]	ND	(0.0560)	[1]	ND	(0.0560)
PCB-1242	NA	ND	(0.0629)	[1]	ND	(0.0580)	[1]	ND	(0.0580)	[1]	ND	(0.0580)
PCB-1248	NA	ND	(0.0607)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.150)
PCB-1254	NA	ND	(0.0831)	[1]	ND	(0.0790)	[1]	ND	(0.0790)	[1]	ND	(0.0790)
PCB-1260	NA	ND	(0.0573)	[1]	ND	(0.0450)	[1]	ND	(0.0450)	[1]	ND	(0.0450)
Toxaphene	NA	ND	(0.112)	[1]	ND	(0.0100)	[1]	ND	(0.0100)	[1]	ND	(0.0100)
alpha-BHC	NA	ND	(0.00225)	[1]	ND	(0.00400)	[1]	ND	(0.00400)	[1]	0.0184	(0.00400)
beta-BHC	NA	ND	(0.0528)	[1]	ND	(0.00930)	[1]	ND	(0.00930)	[1]	ND	(0.00930)
delta-BHC	NA	0.0150 B	(0.00202)	[1]	ND	(0.00220)	[1]	ND	(0.00220)	[1]	ND	(0.00220)
gamma-BHC(Lindane)	NA	ND	(0.00427)	[1]	0.00720 B	(0.00460)	[1]	0.00650 PJB	(0.0130)	[1]	0.00650 PJB	(0.0130)
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.579)	[1]	ND	(0.657)	[1]	ND	(0.590)	[1]	ND	(0.611)	[1]
1,2-Dichlorobenzene	ND	(0.764)	[1]	ND	(0.866)	[1]	ND	(0.640)	[1]	ND	(0.663)	[1]
1,3-Dichlorobenzene	ND	(0.388)	[1]	ND	(0.440)	[1]	ND	(0.720)	[1]	ND	(0.746)	[1]
1,4-Dichlorobenzene	ND	(0.792)	[1]	ND	(0.898)	[1]	ND	(0.590)	[1]	ND	(0.611)	[1]
2,4,5-Trichlorophenol	ND	(0.324)	[1]	ND	(0.367)	[1]	ND	(0.510)	[1]	ND	(0.528)	[1]
2,4,6-Trichlorophenol	ND	(0.342)	[1]	ND	(0.388)	[1]	ND	(0.500)	[1]	ND	(0.518)	[1]
2,4-Dichlorophenol	ND	(0.434)	[1]	ND	(0.492)	[1]	ND	(0.570)	[1]	ND	(0.591)	[1]
2,4-Dimethylphenol	ND	(1.08)	[1]	ND	(1.22)	[1]	ND	(1.30)	[1]	ND	(1.35)	[1]
2,4-Dinitrophenol	ND	(6.86)	[1]	ND	(7.78)	[1]	ND	(4.20)	[1]	ND	(4.35)	[1]
2,4-Dinitrotoluene	ND	(0.539)	[1]	ND	(0.611)	[1]	ND	(0.590)	[1]	ND	(0.611)	[1]
2,6-Dinitrotoluene	ND	(0.339)	[1]	ND	(0.384)	[1]	ND	(0.860)	[1]	ND	(0.891)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A7-57

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	3	3	3	3	3	3	3	3	3
	06-MW-07	07-MW-01	07-MW-02	07-MW-02	07-MW-02	07-MW-02	07-MW-02	07-MW-02	07-MW-02	07-MW-02
	06-MW-07-DS-01 Dup of	07-MW-01-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03
	07-MW-02-03									
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Chloronaphthalene	ND	(0.318)	[1]	ND	(0.360)	[1]	ND	(0.390)	[1]	ND (0.404)
2-Chlorophenol	ND	(0.749)	[1]	ND	(0.849)	[1]	ND	(0.640)	[1]	ND (0.663)
2-Methylnaphthalene	ND	(0.647)	[1]	ND	(0.733)	[1]	ND	(0.360)	[1]	ND (0.373)
2-Methylphenol (o-cresol)	ND	(0.524)	[1]	ND	(0.593)	[1]	ND	(0.310)	[1]	ND (0.321)
2-Nitroaniline	ND	(0.394)	[1]	ND	(0.447)	[1]	ND	(0.660)	[1]	ND (0.684)
2-Nitrophenol	ND	(0.431)	[1]	ND	(0.489)	[1]	ND	(0.520)	[1]	ND (0.539)
3,3'-Dichlorobenzidine	ND	(0.480)	[1]	ND	(0.544)	[1]	ND	(0.330)	[1]	ND (0.342)
3-Nitroaniline	ND	(0.499)	[1]	ND	(0.566)	[1]	ND	(0.390)	[1]	ND (0.404)
4,6-Dinitro-2-methylphenol	ND	(0.776)	[1]	ND	(0.880)	[1]	ND	(0.430)	[1]	ND (0.446)
4-Bromophenyl phenyl ether	ND	(0.447)	[1]	ND	(0.507)	[1]	ND	(0.490)	[1]	ND (0.508)
4-Chloro-3-methylphenol	ND	(0.709)	[1]	ND	(0.803)	[1]	ND	(0.520)	[1]	ND (0.539)
4-Chloroaniline	ND	(0.548)	[1]	ND	(0.621)	[1]	ND	(0.740)	[1]	ND (0.767)
4-Chlorophenyl phenyl ether	ND	(0.518)	[1]	ND	(0.587)	[1]	ND	(0.420)	[1]	ND (0.435)
4-Methylphenol (p-cresol)	ND	(0.564)	[1]	ND	(0.639)	[1]	ND	(0.460)	[1]	ND (0.477)
4-Nitroaniline	ND	(0.475)	[1]	ND	(0.538)	[1]	ND	(0.610)	[1]	ND (0.632)
4-Nitrophenol	ND	(0.677)	[1]	ND	(0.768)	[1]	ND	(0.940)	[1]	ND (0.974)
Acenaphthene	ND	(0.469)	[1]	ND	(0.531)	[1]	ND	(0.270)	[1]	ND (0.280)
Acenaphthylene	ND	(0.222)	[1]	ND	(0.251)	[1]	ND	(0.420)	[1]	ND (0.435)
Anthracene	ND	(0.570)	[1]	ND	(0.646)	[1]	ND	(0.370)	[1]	ND (0.383)
Benzo(a)anthracene	ND	(0.505)	[1]	ND	(0.572)	[1]	ND	(0.450)	[1]	ND (0.466)
Benzo(a)pyrene	ND	(0.375)	[1]	ND	(0.426)	[1]	ND	(0.520)	[1]	ND (0.539)
Benzo(b)fluoranthene	ND	(0.558)	[1]	ND	(0.632)	[1]	ND	(0.910)	[1]	ND (0.943)
Benzo(g,h,i)perylene	ND	(0.477)	[1]	ND	(0.541)	[1]	ND	(1.00)	[1]	ND (1.04)
Benzo(k)fluoranthene	ND	(0.949)	[1]	ND	(1.08)	[1]	ND	(1.00)	[1]	ND (1.04)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID			LOCATION ID			LOCATION ID			LOCATION ID						
	SAMPLE ID			SAMPLE ID			SAMPLE ID			SAMPLE ID						
SW8270 - Semivolatile Organics, cont. (ug/L)																
Benzoic acid	ND	(	3.88)	[1]	ND	(	4.40)	[1]	ND	(	39.0)	[1]	ND	(	40.4)	[1]
Benzyl alcohol	ND	(	1.06)	[1]	ND	(	1.20)	[1]	ND	(	0.610)	[1]	ND	(	0.632)	[1]
Butylbenzylphthalate	ND	(	0.385)	[1]	ND	(	0.437)	[1]	ND	(	0.620)	[1]	ND	(	0.642)	[1]
Chrysene	ND	(	0.656)	[1]	ND	(	0.743)	[1]	ND	(	0.540)	[1]	ND	(	0.560)	[1]
Di-n-butylphthalate	ND	(	0.483)	[1]	ND	(	0.548)	[1]	ND	(	0.320)	[1]	ND	(	0.332)	[1]
Di-n-octylphthalate	ND	(	0.893)	[1]	ND	(	1.01)	[1]	ND	(	0.350)	[1]	ND	(	0.363)	[1]
Dibenz(a,h)anthracene	ND	(	0.465)	[1]	ND	(	0.527)	[1]	ND	(	0.810)	[1]	ND	(	0.839)	[1]
Dibenzofuran	ND	(	0.400)	[1]	ND	(	0.453)	[1]	ND	(	0.540)	[1]	ND	(	0.560)	[1]
Diethylphthalate	ND	(	0.329)	[1]	ND	(	0.373)	[1]	ND	(	0.520)	[1]	ND	(	0.539)	[1]
Dimethylphthalate	ND	(	0.275)	[1]	ND	(	0.311)	[1]	ND	(	0.340)	[1]	ND	(	0.352)	[1]
Diphenylamine/N-NitrosoDPA	ND	(	0.555)	[1]	ND	(	0.629)	[1]	NA	(	0.470)	[1]	ND	(	0.870)	[1]
Fluoranthene	ND	(	0.625)	[1]	ND	(	0.709)	[1]	ND	(	0.380)	[1]	ND	(	0.487)	[1]
Fluorene	ND	(	0.329)	[1]	ND	(	0.373)	[1]	ND	(	0.310)	[1]	ND	(	0.394)	[1]
Hexachlorobenzene	ND	(	0.229)	[1]	ND	(	0.260)	[1]	ND	(	0.510)	[1]	ND	(	0.321)	[1]
Hexachlorobutadiene	ND	(	0.684)	[1]	ND	(	0.776)	[1]	ND	(	5.90)	[1]	ND	(	0.528)	[1]
Hexachlorocyclopentadiene	ND	(	8.75)	[1]	ND	(	9.91)	[1]	ND	(	0.630)	[1]	ND	(	6.11)	[1]
Hexachloroethane	ND	(	0.582)	[1]	ND	(	0.660)	[1]	ND	(	1.30)	[1]	ND	(	0.653)	[1]
Indeno(1,2,3-cd)pyrene	ND	(	0.515)	[1]	ND	(	0.583)	[1]	ND	(	0.620)	[1]	ND	(	1.35)	[1]
Isophorone	ND	(	0.281)	[1]	ND	(	0.319)	[1]	ND	(	0.650)	[1]	ND	(	0.642)	[1]
N-Nitroso-di-n-propylamine	ND	(	0.736)	[1]	ND	(	0.834)	[1]	ND	(	0.270)	[1]	ND	(	0.674)	[1]
N-Nitrosodiphenylamine	NA				NA				ND	(	0.480)	[1]	NA			
Naphthalene	ND	(	0.715)	[1]	ND	(	0.810)	[1]	ND	(	0.840)	[1]	ND	(	0.497)	[1]
Nitrobenzene	ND	(0.518)	[1]	ND	(0.587)	[1]	ND	(0.890)	[1]	ND	(0.870)	[1]
Pentachlorophenol	ND	(0.847)	[1]	ND	(0.960)	[1]	ND	(ND	(0.922)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		SAMPLE ID					
	3		3		3					
SW8270 - Semivolatile Organics, cont. (ug/L)	Phenanthrene	ND	(0.610)	[1]	ND	(0.470)	[1]	ND	(0.487)	[1]
	Phenol	ND	(0.391)	[1]	ND	(0.443)	[1]	ND	(0.880)	[1]
	Pyrene	ND	(0.459)	[1]	ND	(0.520)	[1]	ND	(0.410)	[1]
	bis(2-Chloroethoxy)methane	ND	(0.551)	[1]	ND	(0.624)	[1]	ND	(0.610)	[1]
	bis(2-Chloroethyl)ether	ND	(0.718)	[1]	ND	(0.813)	[1]	ND	(0.380)	[1]
	bis(2-Chloroisopropyl)ether	ND	(0.712)	[1]	ND	(0.807)	[1]	ND	(0.800)	[1]
	bis(2-Ethylhexyl)phthalate	ND	(1.79)	[1]	4.62 B	(2.03)	[1]	ND	(0.580)	[1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																			
	LOCATION ID				SAMPLE ID				3				3							
	07-MW-03				07-MW-04				07-SW-03				07-SW-04							
	07-MW-03-03				07-MW-04-03				07-SW-03-01				07-SW-04-01							

Diesel Range Organics (ug/L)	1400	(	20.0)	[1]	5.00	JB	(	200)	[1]	1000	(	20.0)	[1]	3300	(	20.0)	[1]			
Diesel Range Organics																				
Gasoline Range Organics (ug/L)	45.0	B	(	10.0)	[1]	58.0	JB	(	100)	[1]	32.0	JB	(	100)	[1]	26.0	JB	(	100)	[1]
Gasoline Range Organics																				
SW8010 - Halogenated Volatile Organics (ug/L)																				
1,1,1,2-Tetrachloroethane	ND	(	0.0285)	[1]	ND	(	0.0285)	[1]	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]
1,1,1-Trichloroethane	ND	(	0.138)	[1]	11.5	(	0.138)	[1]	ND	(	0.147)	[1]	ND	(	0.147)	[1]	ND	(	0.166)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.0427)	[1]	ND	(	0.0427)	[1]	ND	(	0.144)	[1]	ND	(	0.144)	[1]	ND	(	0.144)	[1]
1,1,2-Trichloroethane	ND	(	0.0172)	[1]	ND	(	0.0172)	[1]	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]
1,1-Dichloroethane	ND	(	0.0729)	[1]	1.75	(	0.0729)	[1]	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]
1,1-Dichloroethene	ND	(	0.0568)	[1]	ND	(	0.0568)	[1]	ND	(	0.112)	[1]	ND	(	0.112)	[1]	ND	(	0.112)	[1]
1,2,3-Trichloropropane	ND	(	0.0367)	[1]	ND	(	0.0367)	[1]	ND	(	0.109)	[1]	ND	(	0.109)	[1]	ND	(	0.109)	[1]
1,2-Dichlorobenzene	ND	(	0.0288)	[1]	ND	(	0.0288)	[1]	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]
1,2-Dichloroethane	ND	(	0.0286)	[1]	ND	(	0.0286)	[1]	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]
1,2-Dichloropropane	ND	(	0.0320)	[1]	ND	(	0.0320)	[1]	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]
1,3-Dichlorobenzene	ND	(	0.0902)	[1]	ND	(	0.0902)	[1]	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]
1,4-Dichlorobenzene	ND	(	0.0322)	[1]	ND	(	0.0322)	[1]	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]
1-Chlorohexane	ND	(	0.0957)	[1]	ND	(	0.0957)	[1]	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]
2-Chloroethyl vinyl ether	ND	(	0.0281)	[1]	ND	(	0.0281)	[1]	ND	(	0.101)	[1]	ND	(	0.101)	[1]	ND	(	0.101)	[1]
Bromobenzene	ND	(	0.0693)	[1]	ND	(	0.0693)	[1]	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]
Bromodichloromethane	ND	(	0.0150)	[1]	ND	(	0.0150)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]
Bromomethane	ND	(	0.161)	[1]	ND	(	0.161)	[1]	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]
Carbon tetrachloride	ND	(	0.0444)	[1]	ND	(	0.0444)	[1]	ND	(	0.0854)	[1]	ND	(	0.0854)	[1]	ND	(	0.0854)	[1]
Chlorobenzene	ND	(	0.0301)	[1]	ND	(	0.0301)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-61

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID								
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID					
3									
07-MW-03									
07-MW-03-03									
3									
07-MW-04									
07-MW-04-03									
3									
07-SW-03									
07-SW-03-01									
3									
07-SW-04									
07-SW-04-01									

SW8010 - Halogenated Volatile Organics, cont. (ug/L)									
Chloroethane	0.0842	(0.0499)	[1]	ND	(0.0800)	[1]	ND	(0.0800)	[1]
Chloroform	ND	(0.0512)	[1]	0.520 B	(0.0512)	[1]	ND	(0.0258)	[1]
Chloromethane	ND	(0.0213)	[1]	ND	(0.0213)	[1]	ND	(0.151)	[1]
Dibromochloromethane	ND	(0.0101)	[1]	ND	(0.0101)	[1]	ND	(0.0820)	[1]
Dibromomethane	0.564 B	(0.0939)	[1]	ND	(0.0939)	[1]	ND	(0.0742)	[1]
Methylene chloride	ND	(0.0430)	[1]	1.04 B	(0.0430)	[1]	0.652 TB	(0.0842)	[1]
Tetrachloroethene	ND	(0.0381)	[1]	ND	(0.0381)	[1]	ND	(0.0750)	[1]
Tribromomethane(Bromoform)	ND	(0.252)	[1]	ND	(0.252)	[1]	ND	(0.0944)	[1]
Trichloroethene	ND	(0.0387)	[1]	ND	(0.0387)	[1]	ND	(0.0732)	[1]
Trichlorofluoromethane	ND	(0.0603)	[1]	ND	(0.0603)	[1]	ND	(0.0980)	[1]
Vinyl chloride	ND	(0.0761)	[1]	ND	(0.0761)	[1]	ND	(0.151)	[1]
cis-1,3-Dichloropropene	ND	(0.0220)	[1]	ND	(0.0220)	[1]	ND	(0.0804)	[1]
trans-1,2-Dichloroethene	ND	(0.160)	[1]	ND	(0.160)	[1]	ND	(0.0870)	[1]
trans-1,3-Dichloropropene	ND	(0.0302)	[1]	ND	(0.0302)	[1]	ND	(0.0719)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)									
2-Butanone(MEK)	1.33 J	(2.38)	[1]	ND	(2.38)	[1]	NA		
4-Methyl-2-pentanone(MIBK)	1.68 B	(1.46)	[1]	1.37 JB	(1.46)	[1]	NA		
Ethanol	ND	(0.301)	[1]	ND	(0.301)	[1]	NA		
Ethyl ether	ND	(1.16)	[1]	ND	(1.16)	[1]	NA		
SW8020 - Aromatic Volatile Organics (ug/L)									
1,2-Dichlorobenzene	0.178 PB	(0.0796)	[1]	0.177 B	(0.0705)	[1]	ND	(0.0784)	[1]
1,3-Dichlorobenzene	0.141	(0.0218)	[1]	ND	(0.0995)	[1]	ND	(0.0780)	[1]
1,4-Dichlorobenzene	0.123	(0.0131)	[1]	ND	(0.0955)	[1]	ND	(0.0711)	[1]
							ND	(0.0784)	[1]
							ND	(0.0780)	[1]
							ND	(0.0711)	[1]
							ND	(0.0711)	[1]

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	3	3	3	3	3	3
	07-MW-03	07-MW-04	07-SW-03	07-SW-04	07-SW-03-01	07-SW-04-01
	07-MW-03-03	07-MW-04-03				

SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	ND	(0.00980)	[1]	ND	(0.0697)	[1]
Chlorobenzene	ND	(0.0140)	[1]	ND	(0.0449)	[1]
Ethylbenzene	0.0757 PB	(0.0199)	[1]	0.0276 JB	(0.0678)	[1]
Toluene	0.0328 KJB	(0.0647)	[1]	0.0360 JB	(0.0480)	[1]
Xylene (total)	0.272 B	(0.0528)	[1]	0.144 B	(0.0848)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.0194 JB	(0.0250)	[1]	ND	(0.00627)	[1]
4,4'-DDE	ND	(0.00510)	[1]	ND	(0.00658)	[1]
4,4'-DDT	ND	(0.00667)	[1]	ND	(0.00705)	[1]
Aldrin	ND	(0.00250)	[1]	ND	(0.00568)	[1]
Chlordane	ND	(0.0312)	[1]	ND	(0.0100)	[1]
Dieldrin	0.0109	(0.00583)	[1]	ND	(0.00683)	[1]
Endosulfan I	ND	(0.00500)	[1]	ND	(0.00330)	[1]
Endosulfan II	ND	(0.0187)	[1]	ND	(0.00730)	[1]
Endosulfan Sulfate	ND	(0.0135)	[1]	ND	(0.0143)	[1]
Endrin	0.00490 KJB	(0.00990)	[1]	ND	(0.0117)	[1]
Endrin Aldehyde	ND	(0.0115)	[1]	ND	(0.00625)	[1]
Heptachlor	0.00860 B	(0.00302)	[1]	ND	(0.00291)	[1]
Heptachlor epoxide	0.00610 PB	(0.00344)	[1]	ND	(0.00356)	[1]
Methoxychlor	ND	(0.0406)	[1]	ND	(0.0432)	[1]
PCB-1016	ND	(0.0479)	[1]	ND	(0.0591)	[1]
PCB-1221	ND	(0.0500)	[1]	ND	(0.0790)	[1]
PCB-1232	ND	(0.0740)	[1]	ND	(0.137)	[1]
PCB-1242	ND	(0.0583)	[1]	ND	(0.0557)	[1]

SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	ND	(0.00980)	[1]	ND	(0.0697)	[1]
Chlorobenzene	ND	(0.0140)	[1]	ND	(0.0449)	[1]
Ethylbenzene	0.0757 PB	(0.0199)	[1]	0.0276 JB	(0.0678)	[1]
Toluene	0.0328 KJB	(0.0647)	[1]	0.0360 JB	(0.0480)	[1]
Xylene (total)	0.272 B	(0.0528)	[1]	0.144 B	(0.0848)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.0194 JB	(0.0250)	[1]	ND	(0.00627)	[1]
4,4'-DDE	ND	(0.00510)	[1]	ND	(0.00658)	[1]
4,4'-DDT	ND	(0.00667)	[1]	ND	(0.00705)	[1]
Aldrin	ND	(0.00250)	[1]	ND	(0.00568)	[1]
Chlordane	ND	(0.0312)	[1]	ND	(0.0100)	[1]
Dieldrin	0.0109	(0.00583)	[1]	ND	(0.00683)	[1]
Endosulfan I	ND	(0.00500)	[1]	ND	(0.00330)	[1]
Endosulfan II	ND	(0.0187)	[1]	ND	(0.00730)	[1]
Endosulfan Sulfate	ND	(0.0135)	[1]	ND	(0.0143)	[1]
Endrin	0.00490 KJB	(0.00990)	[1]	ND	(0.0117)	[1]
Endrin Aldehyde	ND	(0.0115)	[1]	ND	(0.00625)	[1]
Heptachlor	0.00860 B	(0.00302)	[1]	ND	(0.00291)	[1]
Heptachlor epoxide	0.00610 PB	(0.00344)	[1]	ND	(0.00356)	[1]
Methoxychlor	ND	(0.0406)	[1]	ND	(0.0432)	[1]
PCB-1016	ND	(0.0479)	[1]	ND	(0.0591)	[1]
PCB-1221	ND	(0.0500)	[1]	ND	(0.0790)	[1]
PCB-1232	ND	(0.0740)	[1]	ND	(0.137)	[1]
PCB-1242	ND	(0.0583)	[1]	ND	(0.0557)	[1]

SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	ND	(0.00980)	[1]	ND	(0.0697)	[1]
Chlorobenzene	ND	(0.0140)	[1]	ND	(0.0449)	[1]
Ethylbenzene	0.0757 PB	(0.0199)	[1]	0.0276 JB	(0.0678)	[1]
Toluene	0.0328 KJB	(0.0647)	[1]	0.0360 JB	(0.0480)	[1]
Xylene (total)	0.272 B	(0.0528)	[1]	0.144 B	(0.0848)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.0194 JB	(0.0250)	[1]	ND	(0.00627)	[1]
4,4'-DDE	ND	(0.00510)	[1]	ND	(0.00658)	[1]
4,4'-DDT	ND	(0.00667)	[1]	ND	(0.00705)	[1]
Aldrin	ND	(0.00250)	[1]	ND	(0.00568)	[1]
Chlordane	ND	(0.0312)	[1]	ND	(0.0100)	[1]
Dieldrin	0.0109	(0.00583)	[1]	ND	(0.00683)	[1]
Endosulfan I	ND	(0.00500)	[1]	ND	(0.00330)	[1]
Endosulfan II	ND	(0.0187)	[1]	ND	(0.00730)	[1]
Endosulfan Sulfate	ND	(0.0135)	[1]	ND	(0.0143)	[1]
Endrin	0.00490 KJB	(0.00990)	[1]	ND	(0.0117)	[1]
Endrin Aldehyde	ND	(0.0115)	[1]	ND	(0.00625)	[1]
Heptachlor	0.00860 B	(0.00302)	[1]	ND	(0.00291)	[1]
Heptachlor epoxide	0.00610 PB	(0.00344)	[1]	ND	(0.00356)	[1]
Methoxychlor	ND	(0.0406)	[1]	ND	(0.0432)	[1]
PCB-1016	ND	(0.0479)	[1]	ND	(0.0591)	[1]
PCB-1221	ND	(0.0500)	[1]	ND	(0.0790)	[1]
PCB-1232	ND	(0.0740)	[1]	ND	(0.137)	[1]
PCB-1242	ND	(0.0583)	[1]	ND	(0.0557)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	3	3	3	3
	07-MW-03	07-MW-04	07-SW-03	07-SW-04
	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01
PCB-1248	ND (0.0562)	ND (0.0297)	NA	NA
PCB-1254	ND (0.0771)	ND (0.0427)	NA	NA
PCB-1260	ND (0.0531)	ND (0.0566)	NA	NA
Toxaphene	ND (0.104)	ND (0.0363)	NA	NA
alpha-BHC	ND (0.00146)	ND (0.00189)	NA	NA
beta-BHC	0.0117 J (0.0490)	ND (0.00714)	NA	NA
delta-BHC	ND (0.00187)	ND (0.00269)	NA	NA
gamma-BHC(Lindane)	0.0200 (0.00240)	ND (0.00214)	NA	NA
SW8270 - Semivolatile Organics (ug/L)	ND (0.642)	ND (0.579)	ND (0.588)	ND (0.591)
	ND (0.847)	ND (0.626)	ND (0.775)	ND (0.779)
	ND (0.430)	ND (0.706)	ND (0.394)	ND (0.396)
	ND (0.878)	ND (0.579)	ND (0.804)	ND (0.808)
	ND (0.359)	ND (0.501)	ND (0.328)	ND (0.330)
	ND (0.379)	ND (0.499)	ND (0.347)	ND (0.349)
	ND (0.482)	ND (0.561)	ND (0.441)	ND (0.443)
	ND (1.20)	ND (1.28)	ND (1.09)	ND (1.10)
	ND (7.61)	ND (4.12)	ND (6.97)	ND (7.00)
	ND (0.598)	ND (0.582)	ND (0.547)	ND (0.550)
	ND (0.376)	ND (0.848)	ND (0.344)	ND (0.346)
	ND (0.352)	ND (0.386)	ND (0.322)	ND (0.324)
	ND (0.830)	ND (0.626)	ND (0.760)	ND (0.764)
	3.21 (0.717)	ND (0.359)	ND (0.657)	ND (0.660)
	ND (0.580)	ND (0.305)	ND (0.531)	ND (0.534)

Compiled: 16 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	3	3	3	3
	07-MW-03	07-MW-04	07-SW-03	07-SW-04
	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
Di-n-octylphthalate	ND (0.990)	ND (0.347)	ND (0.906)	ND (0.911)
Dibenz(a,h)anthracene	ND (0.515)	ND (0.799)	ND (0.472)	ND (0.474)
Dibenzofuran	ND (0.443)	ND (0.529)	ND (0.406)	ND (0.408)
Diethylphthalate	ND (0.365)	ND (0.507)	ND (0.334)	ND (0.336)
Dimethylphthalate	ND (0.304)	ND (0.331)	ND (0.279)	ND (0.280)
Diphenylamine/N-NitrosoDPA	ND (0.615)	ND (0.265)	ND (0.563)	ND (0.566)
Fluoranthene	ND (0.693)	ND (0.464)	ND (0.635)	ND (0.638)
Fluorene	ND (0.365)	ND (0.374)	ND (0.334)	ND (0.336)
Hexachlorobenzene	ND (0.254)	ND (0.309)	ND (0.233)	ND (0.234)
Hexachlorobutadiene	ND (0.759)	ND (0.504)	ND (0.695)	ND (0.698)
Hexachlorocyclopentadiene	ND (9.70)	ND (5.80)	ND (8.88)	ND (8.92)
Hexachloroethane	ND (0.646)	ND (0.626)	ND (0.591)	ND (0.594)
Indeno(1,2,3-cd)pyrene	ND (0.571)	ND (1.31)	ND (0.522)	ND (0.525)
Isophorone	ND (0.312)	ND (0.607)	ND (0.286)	ND (0.287)
N-Nitroso-di-n-propylamine	ND (0.816)	ND (0.644)	ND (0.747)	ND (0.751)
Naphthalene	4.99 (0.792)	ND (0.471)	ND (0.725)	0.649 J (0.729)
Nitrobenzene	ND (0.574)	ND (0.830)	ND (0.525)	ND (0.528)
Pentachlorophenol	ND (0.939)	ND (0.876)	ND (0.860)	ND (0.864)
Phenanthrene	ND (0.676)	ND (0.461)	ND (0.619)	ND (0.622)
Phenol	ND (0.434)	ND (0.870)	ND (0.397)	ND (0.399)
Pyrene	ND (0.509)	ND (0.402)	ND (0.466)	ND (0.468)
bis(2-Chloroethoxy)methane	ND (0.611)	ND (0.597)	ND (0.559)	ND (0.562)
bis(2-Chloroethyl)ether	ND (0.796)	ND (0.377)	ND (0.728)	ND (0.732)
bis(2-Chloroisopropyl)ether	ND (0.789)	ND (0.786)	ND (0.722)	ND (0.726)
bis(2-Ethylhexyl)phthalate	2.65 B (1.99)	1.07 B (0.572)	0.477 JB (1.82)	0.932 JB (1.83)

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	3	3
	07-MW-03	07-SW-04
	07-MW-03-03	07-SW-04-01
		07-SW-03-01

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																			
	LOCATION ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID											
	3		3		3		3		7											
	07-SW-05		07-SW-06		07-SW-07		08-GP-01		08-GP-01-01											
	07-SW-05-01		07-SW-06-01		07-SW-07-01															

Diesel Range Organics (ug/L)																				
Diesel Range Organics	44.0	(	20.0)	[1]	170	(	20.0)	[1]	8.00	JB	(	20.0)	[1]	4.00	JB	(	200)	[1]		
Gasoline Range Organics (ug/L)																				
Gasoline Range Organics	31.0	JB	(	100)	[1]	27.0	JB	(	100)	[1]	30.0	JB	(	100)	[1]	26.0	JB	(	100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)																				
1,1,1,2-Tetrachloroethane	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]
1,1,1-Trichloroethane	ND	(	0.147)	[1]	ND	(	0.147)	[1]	ND	(	0.147)	[1]	ND	(	0.147)	[1]	ND	(	0.147)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.144)	[1]	ND	(	0.144)	[1]	ND	(	0.144)	[1]	ND	(	0.144)	[1]	ND	(	0.144)	[1]
1,1,2-Trichloroethane	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]
1,1-Dichloroethane	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]
1,1-Dichloroethene	ND	(	0.112)	[1]	ND	(	0.112)	[1]	ND	(	0.112)	[1]	ND	(	0.112)	[1]	ND	(	0.112)	[1]
1,2,3-Trichloropropane	ND	(	0.109)	[1]	ND	(	0.109)	[1]	ND	(	0.109)	[1]	ND	(	0.109)	[1]	ND	(	0.109)	[1]
1,2-Dichlorobenzene	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]
1,2-Dichloroethane	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]
1,2-Dichloropropane	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]
1,3-Dichlorobenzene	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]
1,4-Dichlorobenzene	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]
1-Chlorohexane	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]
2-Chloroethyl vinyl ether	ND	(	0.101)	[1]	ND	(	0.101)	[1]	ND	(	0.101)	[1]	ND	(	0.101)	[1]	ND	(	0.101)	[1]
Bromobenzene	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]
Bromodichloromethane	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]
Bromomethane	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]
Carbon tetrachloride	ND	(0.0854)	[1]	ND	(0.0854)	[1]	ND	(0.0854)	[1]	ND	(0.0854)	[1]	ND	(0.0854)	[1]
Chlorobenzene	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																			
	3				3				7											
	07-SW-05				07-SW-06				07-SW-07											
	07-SW-05-01				07-SW-06-01				07-SW-07-01				08-GP-01				08-GP-01-01			

SW8020 - Aromatic Volatile Organics, cont. (ug/L)																				
Benzene	0.0511	JB	(	0.0832)	[1]	0.0724	JB	(	0.0832)	[1]	0.0235	JB	(	0.0832)	[1]	0.422	B	(	0.0832)	[1]
Chlorobenzene	0.0175	KJB	(	0.0452)	[1]	ND		(	0.0802)	[1]	ND		(	0.0802)	[1]	ND		(	0.0802)	[1]
Ethylbenzene	0.0799	JB	(	0.0813)	[1]	0.0363	JB	(	0.0813)	[1]	0.0313	JB	(	0.0813)	[1]	0.186		(	0.0813)	[1]
Toluene	0.127	B	(	0.0813)	[1]	0.110	B	(	0.0813)	[1]	ND		(	0.0813)	[1]	0.982	B	(	0.0813)	[1]
Xylene (total)	0.344	B	(	0.0811)	[1]	0.162	B	(	0.0811)	[1]	0.0616	JB	(	0.0811)	[1]	0.977	B	(	0.0811)	[1]

SW8270 - Semivolatile Organics (ug/L)																				
1,2,4-Trichlorobenzene	ND		(	0.657)	[1]	ND		(	0.635)	[1]	ND		(	0.646)	[1]	ND		(	0.576)	[1]
1,2-Dichlorobenzene	ND		(	0.866)	[1]	ND		(	0.838)	[1]	ND		(	0.851)	[1]	ND		(	0.623)	[1]
1,3-Dichlorobenzene	ND		(	0.440)	[1]	ND		(	0.426)	[1]	ND		(	0.433)	[1]	ND		(	0.703)	[1]
1,4-Dichlorobenzene	ND		(	0.898)	[1]	ND		(	0.869)	[1]	ND		(	0.883)	[1]	ND		(	0.576)	[1]
2,4,5-Trichlorophenol	ND		(	0.367)	[1]	ND		(	0.355)	[1]	ND		(	0.361)	[1]	ND		(	0.499)	[1]
2,4,6-Trichlorophenol	ND		(	0.388)	[1]	ND		(	0.375)	[1]	ND		(	0.381)	[1]	ND		(	0.496)	[1]
2,4-Dichlorophenol	ND		(	0.492)	[1]	ND		(	0.476)	[1]	ND		(	0.484)	[1]	ND		(	0.558)	[1]
2,4-Dimethylphenol	ND		(	1.22)	[1]	ND		(	1.18)	[1]	ND		(	1.20)	[1]	ND		(	1.27)	[1]
2,4-Dinitrophenol	ND		(	7.78)	[1]	ND		(	7.53)	[1]	ND		(	7.65)	[1]	ND		(	4.10)	[1]
2,4-Dinitrotoluene	ND		(	0.611)	[1]	ND		(	0.591)	[1]	ND		(	0.601)	[1]	ND		(	0.579)	[1]
2,6-Dinitrotoluene	ND		(	0.384)	[1]	ND		(	0.372)	[1]	ND		(	0.378)	[1]	ND		(	0.844)	[1]
2-Chloronaphthalene	ND		(	0.360)	[1]	ND		(	0.348)	[1]	ND		(	0.354)	[1]	ND		(	0.384)	[1]
2-Chlorophenol	ND		(	0.849)	[1]	ND		(	0.822)	[1]	ND		(	0.835)	[1]	ND		(	0.623)	[1]
2-Methylnaphthalene	ND		(	0.733)	[1]	ND		(	0.710)	[1]	ND		(	0.721)	[1]	ND		(	0.357)	[1]
2-Methylphenol (o-cresol)	ND		(	0.593)	[1]	ND		(	0.574)	[1]	ND		(	0.584)	[1]	1.25		(	0.304)	[1]
2-Nitroaniline	ND		(	0.447)	[1]	ND		(	0.432)	[1]	ND		(	0.439)	[1]	ND		(	0.650)	[1]
2-Nitrophenol	ND		(	0.489)	[1]	ND		(	0.473)	[1]	ND		(	0.481)	[1]	ND		(	0.512)	[1]
3,3'-Dichlorobenzidine	ND		(	0.544)	[1]	ND		(	0.527)	[1]	ND		(	0.536)	[1]	ND		(	0.326)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

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R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	3	3	3	3	3	3	3	3	7	7
	07-SW-05	07-SW-05-01	07-SW-06	07-SW-06-01	07-SW-07	07-SW-07-01	08-GP-01	08-GP-01-01		
SW8270 - Semivolatiles Organics, cont. (ug/L)										
3-Nitroaniline	ND	(0.566)	(0.547)	(0.547)	(0.556)	(0.556)	ND	(0.385)	(0.385)	(0.385)
4,6-Dinitro-2-methylphenol	ND	(0.880)	(0.852)	(0.852)	(0.866)	(0.866)	ND	(0.422)	(0.422)	(0.422)
4-Bromophenyl phenyl ether	ND	(0.507)	(0.490)	(0.490)	(0.498)	(0.498)	ND	(0.475)	(0.475)	(0.475)
4-Chloro-3-methylphenol	ND	(0.803)	(0.777)	(0.777)	(0.790)	(0.790)	ND	(0.505)	(0.505)	(0.505)
4-Chloroaniline	ND	(0.621)	(0.601)	(0.601)	(0.611)	(0.611)	ND	(0.730)	(0.730)	(0.730)
4-Chlorophenyl phenyl ether	ND	(0.587)	(0.568)	(0.568)	(0.577)	(0.577)	ND	(0.413)	(0.413)	(0.413)
4-Methylphenol(p-cresol)	ND	(0.639)	(0.618)	(0.618)	(0.628)	(0.628)	ND	(0.450)	(0.450)	(0.450)
4-Nitroaniline	ND	(0.538)	(0.520)	(0.520)	(0.529)	(0.529)	ND	(0.594)	(0.594)	(0.594)
4-Nitrophenol	ND	(0.768)	(0.743)	(0.743)	(0.755)	(0.755)	ND	(0.919)	(0.919)	(0.919)
Acenaphthene	ND	(0.531)	(0.514)	(0.514)	(0.522)	(0.522)	ND	(0.267)	(0.267)	(0.267)
Acenaphthylene	ND	(0.251)	(0.243)	(0.243)	(0.247)	(0.247)	ND	(0.410)	(0.410)	(0.410)
Anthracene	ND	(0.646)	(0.625)	(0.625)	(0.635)	(0.635)	ND	(0.361)	(0.361)	(0.361)
Benzo(a)anthracene	ND	(0.572)	(0.554)	(0.554)	(0.563)	(0.563)	ND	(0.440)	(0.440)	(0.440)
Benzo(a)pyrene	ND	(0.426)	(0.412)	(0.412)	(0.419)	(0.419)	ND	(0.508)	(0.508)	(0.508)
Benzo(b)fluoranthene	ND	(0.632)	(0.612)	(0.612)	(0.622)	(0.622)	ND	(0.890)	(0.890)	(0.890)
Benzo(g,h,i)perylene	ND	(0.541)	(0.524)	(0.524)	(0.532)	(0.532)	ND	(1.00)	(1.00)	(1.00)
Benzo(k)fluoranthene	ND	(1.08)	(1.04)	(1.04)	(1.06)	(1.06)	ND	(0.979)	(0.979)	(0.979)
Benzoic acid	ND	(4.40)	(4.26)	(4.26)	(4.33)	(4.33)	ND	(37.8)	(37.8)	(37.8)
Benzyl alcohol	ND	(1.20)	(1.16)	(1.16)	(1.18)	(1.18)	ND	(0.598)	(0.598)	(0.598)
Butylbenzylphthalate	ND	(0.437)	(0.423)	(0.423)	(0.430)	(0.430)	ND	(0.613)	(0.613)	(0.613)
Chrysene	ND	(0.743)	(0.719)	(0.719)	(0.731)	(0.731)	ND	(0.526)	(0.526)	(0.526)
Di-n-butylphthalate	ND	(0.548)	(0.530)	(0.530)	(0.539)	(0.539)	ND	(0.318)	(0.318)	(0.318)
Di-n-octylphthalate	ND	(1.01)	(0.980)	(0.980)	(0.996)	(0.996)	ND	(0.345)	(0.345)	(0.345)
Dibenz(a,h)anthracene	ND	(0.527)	(0.510)	(0.510)	(0.518)	(0.518)	ND	(0.795)	(0.795)	(0.795)
Dibenzofuran	ND	(0.453)	(0.439)	(0.439)	(0.446)	(0.446)	ND	(0.526)	(0.526)	(0.526)

Compiled: 16 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		7		7		7	
	08-GP-02		08-GP-03		08-GP-01		08-SW-01		08-SW-01	
	08-GP-02-01		08-GP-03-01				08-SW-01-01		08-SW-01-01	
									08-SW-01-01 Dup of 08-SW-01-01	
Diesel Range Organics (ug/L)	57.0	J	(	200)	[1]	3.00	JB	(	200)	[1]
Diesel Range Organics							7.00	JB	(	200)
Gasoline Range Organics (ug/L)	760	(	100)	[1]	[1]	20.0	JB	(	100)	[1]
Gasoline Range Organics							22.0	JB	(	100)
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	ND	(	0.0219)	[1]	[1]	ND	(	0.0219)	[1]	[1]
1,1,1-Trichloroethane	ND	(	0.147)	[1]	[1]	ND	(	0.147)	[1]	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.144)	[1]	[1]	ND	(	0.144)	[1]	[1]
1,1,2-Trichloroethane	ND	(	0.0454)	[1]	[1]	ND	(	0.0454)	[1]	[1]
1,1-Dichloroethane	ND	(	0.0222)	[1]	[1]	ND	(	0.0222)	[1]	[1]
1,1-Dichloroethane	ND	(	0.112)	[1]	[1]	ND	(	0.112)	[1]	[1]
1,2,3-Trichloropropane	ND	(	0.109)	[1]	[1]	ND	(	0.109)	[1]	[1]
1,2-Dichlorobenzene	ND	(	0.0949)	[1]	[1]	ND	(	0.0949)	[1]	[1]
1,2-Dichloroethane	ND	(	0.0823)	[1]	[1]	ND	(	0.0823)	[1]	[1]
1,2-Dichloropropane	ND	(	0.0228)	[1]	[1]	ND	(	0.0228)	[1]	[1]
1,3-Dichlorobenzene	ND	(	0.0878)	[1]	[1]	ND	(	0.0878)	[1]	[1]
1,4-Dichlorobenzene	ND	(	0.0908)	[1]	[1]	ND	(	0.0908)	[1]	[1]
1-Chlorohexane	ND	(	0.0404)	[1]	[1]	ND	(	0.0404)	[1]	[1]
2-Chloroethyl vinyl ether	ND	(	0.101)	[1]	[1]	ND	(	0.101)	[1]	[1]
Bromobenzene	ND	(	0.0451)	[1]	[1]	ND	(	0.0451)	[1]	[1]
Bromodichloromethane	ND	(	0.0886)	[1]	[1]	ND	(	0.0886)	[1]	[1]
Bromomethane	ND	(0.0858)	[1]	[1]	ND	(0.0858)	[1]	[1]
Carbon tetrachloride	ND	(0.0854)	[1]	[1]	ND	(0.0854)	[1]	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	7		7		7		7		7		7		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
	08-GP-02		08-GP-03		08-GP-02-01		08-GP-03-01		08-SW-01		08-SW-01-01		08-SW-01-DS-01 Dup of 08-SW-01-01

SW8010 - Halogenated Volatile Organics, cont. (ug/L)													
Chlorobenzene	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.0301)	[1]	ND	(0.0301)	[1]	
Chloroethane	ND	(0.0800)	[1]	ND	(0.0800)	[1]	ND	(0.0499)	[1]	ND	(0.0499)	[1]	
Chloroform	ND	(0.0258)	[1]	ND	(0.0258)	[1]	ND	(0.0512)	[1]	ND	(0.0512)	[1]	
Chloromethane	0.0184 JB	(0.151)	[1]	ND	(0.151)	[1]	0.0159 JB	(0.0213)	[1]	0.0190 JB	(0.0213)	[1]	
Dibromochloromethane	ND	(0.0820)	[1]	ND	(0.0820)	[1]	ND	(0.0101)	[1]	ND	(0.0101)	[1]	
Dibromomethane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0939)	[1]	ND	(0.0939)	[1]	
Methylene chloride	ND	(0.0842)	[1]	0.0504 JB	(0.0842)	[1]	0.152 B	(0.0430)	[1]	0.550 TB	(0.0430)	[1]	
Tetrachloroethene	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND	(0.0381)	[1]	ND	(0.0381)	[1]	
Tribromomethane(Bromoform)	ND	(0.0944)	[1]	ND	(0.0944)	[1]	ND	(0.252)	[1]	ND	(0.252)	[1]	
Trichloroethene	ND	(0.0732)	[1]	ND	(0.0732)	[1]	ND	(0.0387)	[1]	ND	(0.0387)	[1]	
Trichlorofluoromethane	ND	(0.0980)	[1]	ND	(0.0980)	[1]	ND	(0.0603)	[1]	ND	(0.0603)	[1]	
Vinyl chloride	ND	(0.151)	[1]	ND	(0.151)	[1]	ND	(0.0761)	[1]	ND	(0.0761)	[1]	
cis-1,3-Dichloropropene	ND	(0.0804)	[1]	ND	(0.0804)	[1]	ND	(0.0220)	[1]	ND	(0.0220)	[1]	
trans-1,2-Dichloroethene	ND	(0.0870)	[1]	ND	(0.0870)	[1]	ND	(0.160)	[1]	ND	(0.160)	[1]	
trans-1,3-Dichloropropene	ND	(0.0719)	[1]	ND	(0.0719)	[1]	ND	(0.0302)	[1]	ND	(0.0302)	[1]	

SW8015 - Nonhalogenated Volatile Organics (mg/L)													
2-Butanone(MEK)	ND	(2.38)	[1]	ND	(2.38)	[1]	ND	(2.38)	[1]	ND	(2.38)	[1]	
4-Methyl-2-pentanone(MIBK)	ND	(1.46)	[1]	ND	(1.46)	[1]	ND	(1.46)	[1]	ND	(1.46)	[1]	
Ethanol	ND	(0.301)	[1]	ND	(0.301)	[1]	ND	(0.301)	[1]	ND	(0.301)	[1]	
Ethyl ether	ND	(1.16)	[1]	ND	(1.16)	[1]	ND	(1.16)	[1]	ND	(1.16)	[1]	

SW8020 - Aromatic Volatile Organics (ug/L)													
1,2-Dichlorobenzene	ND	(0.0784)	[1]	0.0322 KJB	(0.0796)	[1]	ND	(0.0263)	[1]	ND	(0.0263)	[1]	

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		7		7		7		7	
	SAMPLE ID		08-GP-02		08-GP-03		08-SW-01		08-SW-01	
	08-GP-02-01		08-GP-03-01		08-SW-01-01		08-SW-01-01		08-SW-01-01	
SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	0.634	KJ (1.95)	[25]	ND (0.0780)	[1]	ND (0.0218)	[1]	ND (0.0218)	[1]	ND (0.0218)
1,4-Dichlorobenzene	ND	T (0.0711)	[1]	ND (0.0711)	[1]	ND (0.0131)	[1]	ND (0.0131)	[1]	ND (0.0131)
Benzene	1.75	J (2.08)	[25]	0.243 B (0.0832)	[1]	ND (0.00980)	[1]	ND (0.00980)	[1]	ND (0.00980)
Chlorobenzene	0.0296	TJB (0.0802)	[1]	ND (0.0802)	[1]	ND (0.0140)	[1]	ND (0.0140)	[1]	ND (0.0140)
Ethylbenzene	0.926	J (2.03)	[25]	0.0940 B (0.0813)	[1]	ND (0.0199)	[1]	ND (0.0199)	[1]	ND (0.0199)
Toluene	411	(2.03)	[25]	0.742 B (0.0813)	[1]	ND (0.0330)	[1]	0.0461 B (0.0330)	[1]	ND (0.0330)
Xylene (total)	2.89	(2.03)	[25]	0.420 B (0.0811)	[1]	ND (0.0528)	[1]	ND (0.0528)	[1]	ND (0.0528)
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(0.582)	[1]	ND (0.565)	[1]	ND (0.571)	[1]	ND (0.571)	[1]	ND (0.588)
1,2-Dichlorobenzene	ND	(0.629)	[1]	ND (0.611)	[1]	ND (0.617)	[1]	ND (0.617)	[1]	ND (0.635)
1,3-Dichlorobenzene	ND	(0.710)	[1]	ND (0.689)	[1]	ND (0.696)	[1]	ND (0.696)	[1]	ND (0.717)
1,4-Dichlorobenzene	ND	(0.582)	[1]	ND (0.565)	[1]	ND (0.571)	[1]	ND (0.571)	[1]	ND (0.588)
2,4,5-Trichloropheno	ND	(0.504)	[1]	ND (0.489)	[1]	ND (0.494)	[1]	ND (0.494)	[1]	ND (0.509)
2,4,6-Trichloropheno	ND	(0.501)	[1]	ND (0.487)	[1]	ND (0.491)	[1]	ND (0.491)	[1]	ND (0.506)
2,4-Dichloropheno	ND	(0.563)	[1]	ND (0.547)	[1]	ND (0.552)	[1]	ND (0.552)	[1]	ND (0.569)
2,4-Dimethylpheno	0.845	J (1.29)	[1]	ND (1.25)	[1]	ND (1.26)	[1]	ND (1.26)	[1]	ND (1.30)
2,4-Dinitrophenol	ND	(4.14)	[1]	ND (4.02)	[1]	ND (4.06)	[1]	ND (4.06)	[1]	ND (4.18)
2,4-Dinitrotoluene	ND	(0.585)	[1]	ND (0.568)	[1]	ND (0.574)	[1]	ND (0.574)	[1]	ND (0.591)
2,6-Dinitrotoluene	ND	(0.852)	[1]	ND (0.828)	[1]	ND (0.836)	[1]	ND (0.836)	[1]	ND (0.861)
2-Chloronaphthalene	ND	(0.388)	[1]	ND (0.377)	[1]	ND (0.381)	[1]	ND (0.381)	[1]	ND (0.392)
2-Chloropheno	ND	(0.629)	[1]	ND (0.611)	[1]	ND (0.617)	[1]	ND (0.617)	[1]	ND (0.635)
2-Methylnaphthalene	ND	(0.360)	[1]	ND (0.350)	[1]	ND (0.353)	[1]	ND (0.353)	[1]	ND (0.364)
2-Methylpheno (o-cresol)	9.01	(0.307)	[1]	ND (0.298)	[1]	ND (0.301)	[1]	ND (0.301)	[1]	ND (0.310)

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

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A7-75

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	7		7		7		7		7	
	08-GP-02	08-GP-02-01	08-GP-03	08-GP-03-01	08-SW-01	08-SW-01-01	08-SW-01-DS-01	08-SW-01-01	08-SW-01-01	08-SW-01-01
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Nitroaniline	ND	(0.656)	ND	(0.637)	ND	(0.644)	ND	(0.663)	ND	(0.663)
2-Nitrophenol	ND	(0.517)	ND	(0.502)	ND	(0.507)	ND	(0.522)	ND	(0.522)
3,3'-Dichlorobenzidine	ND	(0.330)	ND	(0.320)	ND	(0.323)	ND	(0.333)	ND	(0.333)
3-Nitroaniline	ND	(0.389)	ND	(0.378)	ND	(0.382)	ND	(0.393)	ND	(0.393)
4,6-Dinitro-2-methylphenol	ND	(0.426)	ND	(0.413)	ND	(0.417)	ND	(0.430)	ND	(0.430)
4-Bromophenyl phenyl ether	ND	(0.479)	ND	(0.465)	ND	(0.470)	ND	(0.484)	ND	(0.484)
4-Chloro-3-methylphenol	ND	(0.510)	ND	(0.495)	ND	(0.500)	ND	(0.515)	ND	(0.515)
4-Chloroaniline	ND	(0.738)	ND	(0.716)	ND	(0.723)	ND	(0.745)	ND	(0.745)
4-Chlorophenyl phenyl ether	ND	(0.417)	ND	(0.405)	ND	(0.409)	ND	(0.421)	ND	(0.421)
4-Methylphenol(p-cresol)	50.2 F	(0.454)	ND	(0.441)	ND	(0.446)	ND	(0.459)	ND	(0.459)
4-Nitroaniline	ND	(0.600)	ND	(0.583)	ND	(0.588)	ND	(0.606)	ND	(0.606)
4-Nitrophenol	ND	(0.928)	ND	(0.901)	ND	(0.910)	ND	(0.937)	ND	(0.937)
Acenaphthene	ND	(0.269)	ND	(0.262)	ND	(0.264)	ND	(0.272)	ND	(0.272)
Acenaphthylene	ND	(0.414)	ND	(0.402)	ND	(0.406)	ND	(0.418)	ND	(0.418)
Anthracene	ND	(0.364)	ND	(0.354)	ND	(0.357)	ND	(0.368)	ND	(0.368)
Benzo(a)anthracene	ND	(0.445)	ND	(0.432)	ND	(0.436)	ND	(0.449)	ND	(0.449)
Benzo(a)pyrene	ND	(0.513)	ND	(0.498)	ND	(0.503)	ND	(0.518)	ND	(0.518)
Benzo(b)fluoranthene	ND	(0.899)	ND	(0.873)	ND	(0.882)	ND	(0.908)	ND	(0.908)
Benzo(g,h,i)perylene	ND	(1.01)	ND	(0.981)	ND	(0.990)	ND	(1.02)	ND	(1.02)
Benzo(k)fluoranthene	ND	(0.989)	ND	(0.961)	ND	(0.970)	ND	(0.999)	ND	(0.999)
Benzoic acid	ND	(38.2)	ND	(37.1)	ND	(37.5)	ND	(38.6)	ND	(38.6)
Benzyl alcohol	ND	(0.604)	ND	(0.587)	ND	(0.592)	ND	(0.610)	ND	(0.610)
Butylbenzylphthalate	ND	(0.619)	ND	(0.601)	ND	(0.607)	ND	(0.625)	ND	(0.625)
Chrysene	ND	(0.532)	ND	(0.516)	ND	(0.521)	ND	(0.537)	ND	(0.537)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	7				7				7							
	08-GP-02		08-GP-03		08-SW-01		08-SW-01		08-SW-01-DS-01 Dup of		08-SW-01-01					
	08-GP-02-01		08-GP-03-01		08-SW-01-01		08-SW-01-01		08-SW-01-01		08-SW-01-01					
SW8270 - Semivolatile Organics, cont. (ug/L)																
Di-n-butylphthalate	ND	(	0.321)	[1]	ND	(	0.312)	[1]	ND	(	0.315)	[1]	ND	(	0.324)	[1]
Di-n-octylphthalate	ND	(	0.349)	[1]	ND	(	0.338)	[1]	ND	(	0.342)	[1]	ND	(	0.352)	[1]
Dibenz(a,h)anthracene	ND	(	0.803)	[1]	ND	(	0.780)	[1]	ND	(	0.787)	[1]	ND	(	0.811)	[1]
Dibenzofuran	ND	(	0.532)	[1]	ND	(	0.516)	[1]	ND	(	0.521)	[1]	ND	(	0.537)	[1]
Diethylphthalate	ND	(	0.510)	[1]	ND	(	0.495)	[1]	ND	(	0.500)	[1]	ND	(	0.515)	[1]
Dimethylphthalate	ND	(	0.333)	[1]	ND	(	0.323)	[1]	ND	(	0.326)	[1]	ND	(	0.336)	[1]
Diphenylamine/N-NitrosodPA	ND	(	0.266)	[1]	ND	(	0.259)	[1]	ND	(	0.261)	[1]	ND	(	0.269)	[1]
Fluoranthene	ND	(	0.466)	[1]	ND	(	0.453)	[1]	ND	(	0.457)	[1]	ND	(	0.471)	[1]
Fluorene	ND	(	0.376)	[1]	ND	(	0.365)	[1]	ND	(	0.369)	[1]	ND	(	0.380)	[1]
Hexachlorobenzene	ND	(	0.311)	[1]	ND	(	0.302)	[1]	ND	(	0.305)	[1]	ND	(	0.314)	[1]
Hexachlorobutadiene	ND	(	0.507)	[1]	ND	(	0.492)	[1]	ND	(	0.497)	[1]	ND	(	0.512)	[1]
Hexachlorocyclopentadiene	ND	(	5.83)	[1]	ND	(	5.66)	[1]	ND	(	5.72)	[1]	ND	(	5.89)	[1]
Hexachloroethane	ND	(	0.629)	[1]	ND	(	0.611)	[1]	ND	(	0.617)	[1]	ND	(	0.635)	[1]
Indeno(1,2,3-cd)pyrene	ND	(	1.32)	[1]	ND	(	1.28)	[1]	ND	(	1.29)	[1]	ND	(	1.33)	[1]
Isophorone	ND	(	0.610)	[1]	ND	(	0.592)	[1]	ND	(	0.598)	[1]	ND	(	0.616)	[1]
N-Nitroso-di-n-propylamine	ND	(	0.648)	[1]	ND	(	0.629)	[1]	ND	(	0.635)	[1]	ND	(	0.654)	[1]
Naphthalene	ND	(	0.473)	[1]	ND	(	0.460)	[1]	ND	(	0.464)	[1]	ND	(	0.478)	[1]
Nitrobenzene	ND	(	0.834)	[1]	ND	(	0.810)	[1]	ND	(	0.817)	[1]	ND	(	0.842)	[1]
Pentachloropheno1	ND	(	0.880)	[1]	ND	(	0.855)	[1]	ND	(	0.863)	[1]	ND	(	0.889)	[1]
Phenanthrene	ND	(	0.463)	[1]	ND	(	0.450)	[1]	ND	(	0.454)	[1]	ND	(	0.468)	[1]
Pheno1	ND	(	0.874)	[1]	ND	(	0.849)	[1]	ND	(	0.857)	[1]	ND	(	0.883)	[1]
Pyrene	ND	(	0.404)	[1]	ND	(	0.392)	[1]	ND	(	0.396)	[1]	ND	(	0.408)	[1]
bis(2-Chloroethoxy)methane	ND	(	0.600)	[1]	ND	(	0.583)	[1]	ND	(	0.588)	[1]	ND	(	0.606)	[1]
bis(2-Chloroethyl) ether	ND	(0.379)	[1]	ND	(0.368)	[1]	ND	(0.372)	[1]	ND	(0.383)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	7	7	7	7	7	7
SW8270 - Semivolatile Organics, cont. (ug/L)						
bis(2-Chloroisopropyl)ether	08-GP-02	08-GP-03	08-SW-01	08-SW-01	08-SW-01-DS-01	08-SW-01-01
bis(2-Ethylhexyl)phthalate	08-GP-02-01	08-GP-03-01	08-SW-01-01	08-SW-01-01	08-SW-01-01	08-SW-01-01
	ND	ND	ND	ND	ND	ND
	(0.790)	(0.767)	(0.775)	(0.798)	(0.581)	(0.581)
	ND	ND	ND	ND	ND	ND
	(0.575)	(0.559)	(0.564)	(0.581)	(0.581)	(0.581)

Compiled: 16 March 1995

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A7-78

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
Diesel Range Organics (ug/L)	7		7		7		7		7	
	08-SW-02		08-SW-03		08-SW-03-01		08-SW-03		08-SW-03-01	
Diesel Range Organics	3.00 JB (		200)		[1]		9.00 JB (		200)	
	23.0 JB (		100)		[1]		25.0 JB (		100)	
Gasoline Range Organics (ug/L)	3.00 JB (		200)		[1]		9.00 JB (		200)	
	23.0 JB (		100)		[1]		25.0 JB (		100)	
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	ND		(0.0285)		[1]		ND		(0.0400)	
1,1,1-Trichloroethane	0.0234 JB (		0.138)		[1]		0.0526 JB (		0.138)	
1,1,2,2-Tetrachloroethane	ND		(0.0427)		[1]		ND		(0.100)	
1,1,2-Trichloroethane	ND		(0.0172)		[1]		ND		(0.0450)	
1,1-Dichloroethane	ND		(0.0729)		[1]		ND		(0.0480)	
1,1-Dichloroethene	ND		(0.0568)		[1]		ND		(0.100)	
1,2,3-Trichloropropane	ND		(0.0367)		[1]		ND		(0.120)	
1,2-Dichlorobenzene	ND		(0.0288)		[1]		ND		(0.170)	
1,2-Dichloroethane	ND		(0.0286)		[1]		ND		(0.0540)	
1,2-Dichloropropane	ND		(0.0320)		[1]		ND		(0.0750)	
1,3-Dichlorobenzene	ND		(0.0902)		[1]		ND		(0.0880)	
1,4-Dichlorobenzene	ND		(0.0322)		[1]		ND		(0.190)	
1-Chlorohexane	ND		(0.0957)		[1]		ND		(0.0400)	
2-Chloroethyl vinyl ether	ND		(0.0281)		[1]		ND		(0.170)	
Bromobenzene	ND		(0.0693)		[1]		ND		(0.530)	
Bromodichloromethane	ND		(0.0150)		[1]		ND		(0.0680)	
Bromomethane	ND		(0.161)		[1]		ND		(0.0560)	
Carbon tetrachloride	ND		(0.0444)		[1]		ND		(0.110)	
Chlorobenzene	ND		(0.0301)		[1]		ND		(0.140)	

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	7				008				008							
	08-SW-02		08-SW-03		09-MW-01		09-MW-02		09-MW-01-03		09-MW-02-03					
	08-SW-02-01		08-SW-03-01		08-SW-03-01		09-MW-01-03		09-MW-02-03		09-MW-01-03		09-MW-02-03			

SW8010 - Halogenated Volatile Organics, cont. (ug/L)																
Chloroethane	ND	(	0.0499	[1]	ND	(	0.0499	[1]	ND	(	0.110)	[1]	ND	(	0.110)	[1]
Chloroform	ND	(	0.0512	[1]	ND	(	0.0512	[1]	ND	(	0.0850)	[1]	ND	(	0.0850)	[1]
Chloromethane	0.0163 JB	(	0.0213	[1]	0.0230 B	(	0.0213	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]
Dibromochloromethane	ND	(	0.0101	[1]	ND	(	0.0101	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
Dibromomethane	ND	(	0.0939	[1]	ND	(	0.0939	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]
Methylene chloride	0.142 B	(	0.0430	[1]	0.177 B	(	0.0430	[1]	ND	(	0.220)	[1]	0.000600 PJB	(	0.220)	[1]
Tetrachloroethene	ND	(	0.0381	[1]	ND	(	0.0381	[1]	ND	(	0.0750)	[1]	ND	(	0.100)	[1]
Tribromomethane(Bromoform)	ND	(	0.252	[1]	ND	(	0.252	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]
Trichloroethene	ND	(	0.0387	[1]	ND	(	0.0387	[1]	0.313	(	0.110)	[1]	0.0300 PJ	(	0.110)	[1]
Trichlorofluoromethane	ND	(	0.0603	[1]	ND	(	0.0603	[1]	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]
Vinyl chloride	ND	(	0.0761	[1]	ND	(	0.0761	[1]	ND	(	0.200)	[1]	ND	(	0.200)	[1]
cis-1,3-Dichloropropene	ND	(	0.0220	[1]	ND	(	0.0220	[1]	ND	(	0.0740)	[1]	ND	(	0.0800)	[1]
trans-1,2-Dichloroethene	ND	(	0.160	[1]	ND	(	0.160	[1]	3.46	(	0.100)	[1]	ND	(	0.100)	[1]
trans-1,3-Dichloropropene	ND	(	0.0302	[1]	ND	(	0.0302	[1]	ND	(	0.0570)	[1]	ND	(	0.0570)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)																
2-Butanone(MEK)	ND	(	2.38	[1]	ND	(	2.38	[1]	ND	(	2.40)	[1]	ND	(	2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(	1.46	[1]	ND	(	1.46	[1]	ND	(	1.50)	[1]	ND	(	1.50)	[1]
Ethanol	ND	(	0.301	[1]	ND	(	0.301	[1]	ND	(	0.300)	[1]	ND	(	0.300)	[1]
Ethyl ether	ND	(	1.16	[1]	ND	(	1.16	[1]	ND	(	1.20)	[1]	ND	(	1.20)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)																
1,2-Dichlorobenzene	ND	(	0.0263	[1]	ND	(	0.0263	[1]	1.15 P	(	0.0710)	[1]	0.0675 PJB	(	0.0710)	[1]
1,3-Dichlorobenzene	ND	(	0.0218	[1]	ND	(	0.0218	[1]	0.428	(	0.0990)	[1]	0.108 P	(	0.0990)	[1]
1,4-Dichlorobenzene	ND	(	0.0131	[1]	ND	(	0.0131	[1]	ND	(	0.0950)	[1]	ND	(	0.0950)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
7												
08-SW-02												
08-SW-02-01												
08-SW-03												
08-SW-03-01												
008												
09-MW-01												
09-MW-01-03												
008												
09-MW-02												
09-MW-02-03												
PARAMETER												

SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	ND	(0.00980)	[1]	ND	(0.00980)	[1]	95.6	(0.700)	[10]	40.0	(0.350)	[5]
Chlorobenzene	ND	(0.0140)	[1]	ND	(0.0140)	[1]	0.0832 P	(0.0450)	[1]	0.0669	(0.0450)	[1]
Ethylbenzene	ND	(0.0199)	[1]	ND	(0.0199)	[1]	1.95	(0.0680)	[1]	0.129 B	(0.0680)	[1]
Toluene	ND	(0.0330)	[1]	ND	(0.0330)	[1]	0.271 B	(0.0480)	[1]	0.200 B	(0.0480)	[1]
Xylene (total)	ND	(0.0528)	[1]	ND	(0.0528)	[1]	0.624 PB	(0.0850)	[1]	0.378 B	(0.0850)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	NA			NA	(0.00598)	[1]	ND	(0.00598)	[1]	ND	(0.00598)	[1]
4,4'-DDE	NA			NA	(0.00629)	[1]	0.000600 PJB	(0.00629)	[1]	ND	(0.00629)	[1]
4,4'-DDT	NA			NA	(0.00680)	[1]	ND	(0.00680)	[1]	ND	(0.00680)	[1]
Aldrin	NA			NA	(0.00546)	[1]	0.00220 JB	(0.00546)	[1]	ND	(0.00897)	[1]
Chlordane	NA			NA	(0.00959)	[1]	ND	(0.00959)	[1]	ND	(0.00959)	[1]
Dieldrin	NA			NA	(0.00660)	[1]	ND	(0.00660)	[1]	0.0127	(0.00660)	[1]
Endosulfan I	NA			NA	(0.00969)	[1]	ND	(0.00969)	[1]	ND	(0.00320)	[1]
Endosulfan II	NA			NA	(0.00701)	[1]	ND	(0.00701)	[1]	ND	(0.00320)	[1]
Endosulfan Sulfate	NA			NA	(0.0134)	[1]	ND	(0.00701)	[1]	ND	(0.00701)	[1]
Endrin	NA			NA	(0.0113)	[1]	ND	(0.0134)	[1]	ND	(0.0134)	[1]
Endrin Aldehyde	NA			NA	(0.0113)	[1]	ND	(0.0113)	[1]	ND	(0.0113)	[1]
Heptachlor	NA			NA	(0.00598)	[1]	ND	(0.00598)	[1]	ND	(0.00598)	[1]
Heptachlor epoxide	NA			NA	(0.00278)	[1]	ND	(0.00278)	[1]	ND	(0.00227)	[1]
Methoxychlor	NA			NA	(0.00340)	[1]	ND	(0.00340)	[1]	ND	(0.00340)	[1]
PCB-1016	NA			NA	(0.0412)	[1]	ND	(0.0412)	[1]	ND	(0.0412)	[1]
PCB-1221	NA			NA	(0.0567)	[1]	ND	(0.0567)	[1]	ND	(0.0567)	[1]
PCB-1232	NA			NA	(0.0763)	[1]	ND	(0.0763)	[1]	ND	(0.0763)	[1]
PCB-1242	NA			NA	(0.134)	[1]	ND	(0.134)	[1]	ND	(0.134)	[1]
	NA			NA	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)	[1]

Compiled: 16 March 1995

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[]

= Dilution Factor

ND

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	NA	NA	ND	(0.0289) [1] ND (0.0289) [1]
PCB-1254	NA	NA	ND	(0.0412) [1] ND (0.0412) [1]
PCB-1260	NA	NA	ND	(0.0546) [1] ND (0.0546) [1]
Toxaphene	NA	NA	ND	(0.0351) [1] ND (0.0351) [1]
alpha-BHC	NA	NA	ND	(0.00186) [1] ND (0.00206) [1]
beta-BHC	NA	NA	ND	(0.00680) [1] ND (0.00680) [1]
delta-BHC	NA	NA	ND	(0.00258) [1] ND (0.00258) [1]
gamma-BHC(Lindane)	NA	NA	0.0122	(0.00330) [1] 0.0115 B (0.00330) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND	(0.571) [1]	ND	(0.587) [1] ND (0.590) [1]
1,2-Dichlorobenzene	ND	(0.617) [1]	ND	(0.637) [1] ND (0.640) [1]
1,3-Dichlorobenzene	ND	(0.696) [1]	ND	(0.716) [1] ND (0.720) [1]
1,4-Dichlorobenzene	ND	(0.571) [1]	ND	(0.587) [1] ND (0.590) [1]
2,4,5-Trichlorophenol	ND	(0.494) [1]	ND	(0.507) [1] ND (0.510) [1]
2,4,6-Trichlorophenol	ND	(0.491) [1]	ND	(0.498) [1] ND (0.500) [1]
2,4-Dichlorophenol	ND	(0.552) [1]	ND	(0.567) [1] ND (0.570) [1]
2,4-Dimethylphenol	ND	(1.26) [1]	ND	(1.29) [1] ND (1.30) [1]
2,4-Dinitrophenol	ND	(4.06) [1]	ND	(4.18) [1] ND (4.20) [1]
2,4-Dinitrotoluene	ND	(0.574) [1]	ND	(0.587) [1] ND (0.590) [1]
2,6-Dinitrotoluene	ND	(0.836) [1]	ND	(0.856) [1] ND (0.860) [1]
2-Chloronaphthalene	ND	(0.381) [1]	ND	(0.388) [1] ND (0.390) [1]
2-Chlorophenol	ND	(0.617) [1]	ND	(0.637) [1] ND (0.640) [1]
2-Methylnaphthalene	ND	(0.353) [1]	ND	(0.358) [1] ND (0.360) [1]
2-Methylphenol (o-cresol)	ND	(0.301) [1]	ND	(0.308) [1] ND (0.310) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	7	7	7	7	7	7	008	008	008	008	008	008
	08-SW-02	08-SW-02-01	08-SW-03	08-SW-03-01	08-SW-03	08-SW-03-01	09-MW-01	09-MW-01-03	09-MW-02	09-MW-02-03	09-MW-02	09-MW-02-03
SW8270 - Semivolatile Organics, cont. (ug/L)												
2-Nitroaniline	ND	(0.644)	[1]	ND	(0.670)	[1]	ND	(0.657)	[1]	ND	(0.660)	[1]
2-Nitrophenol	ND	(0.507)	[1]	ND	(0.527)	[1]	ND	(0.517)	[1]	ND	(0.520)	[1]
3,3'-Dichlorobenzidine	ND	(0.323)	[1]	ND	(0.336)	[1]	ND	(0.328)	[1]	ND	(0.330)	[1]
3-Nitroaniline	ND	(0.382)	[1]	ND	(0.397)	[1]	ND	(0.388)	[1]	ND	(0.390)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.417)	[1]	ND	(0.434)	[1]	ND	(0.428)	[1]	ND	(0.430)	[1]
4-Bromophenyl phenyl ether	ND	(0.470)	[1]	ND	(0.489)	[1]	ND	(0.488)	[1]	ND	(0.490)	[1]
4-Chloro-3-methylphenol	ND	(0.500)	[1]	ND	(0.520)	[1]	ND	(0.517)	[1]	ND	(0.520)	[1]
4-Chloroaniline	ND	(0.723)	[1]	ND	(0.753)	[1]	ND	(0.736)	[1]	ND	(0.740)	[1]
4-Chlorophenyl phenyl ether	ND	(0.409)	[1]	ND	(0.425)	[1]	ND	(0.418)	[1]	ND	(0.420)	[1]
4-Methylphenol(p-cresol)	ND	(0.446)	[1]	ND	(0.464)	[1]	ND	(0.458)	[1]	ND	(0.460)	[1]
4-Nitroaniline	ND	(0.588)	[1]	ND	(0.612)	[1]	ND	(0.607)	[1]	ND	(0.610)	[1]
4-Nitrophenol	ND	(0.910)	[1]	ND	(0.946)	[1]	ND	(0.935)	[1]	ND	(0.940)	[1]
Acenaphthene	ND	(0.264)	[1]	ND	(0.275)	[1]	ND	(0.269)	[1]	ND	(0.270)	[1]
Acenaphthylene	ND	(0.406)	[1]	ND	(0.422)	[1]	ND	(0.418)	[1]	ND	(0.420)	[1]
Anthracene	ND	(0.357)	[1]	ND	(0.372)	[1]	ND	(0.368)	[1]	ND	(0.370)	[1]
Benzo(a)anthracene	ND	(0.436)	[1]	ND	(0.454)	[1]	ND	(0.448)	[1]	ND	(0.450)	[1]
Benzo(a)pyrene	ND	(0.503)	[1]	ND	(0.523)	[1]	ND	(0.517)	[1]	ND	(0.520)	[1]
Benzo(b)fluoranthene	ND	(0.882)	[1]	ND	(0.917)	[1]	ND	(0.905)	[1]	ND	(0.910)	[1]
Benzo(g,h,i)perylene	ND	(0.990)	[1]	ND	(1.03)	[1]	ND	(0.995)	[1]	ND	(1.00)	[1]
Benzo(k)fluoranthene	ND	(0.970)	[1]	ND	(1.01)	[1]	ND	(0.995)	[1]	ND	(1.00)	[1]
Benzoic acid	ND	(37.5)	[1]	ND	(39.0)	[1]	ND	(38.8)	[1]	ND	(39.0)	[1]
Benzyl alcohol	ND	(0.592)	[1]	ND	(0.616)	[1]	ND	(0.607)	[1]	ND	(0.610)	[1]
Butylbenzylphthalate	ND	(0.607)	[1]	ND	(0.631)	[1]	ND	(0.617)	[1]	ND	(0.620)	[1]
Chrysene	ND	(0.521)	[1]	ND	(0.542)	[1]	ND	(0.537)	[1]	ND	(0.540)	[1]
Di-n-butylphthalate	ND	(0.315)	[1]	ND	(0.327)	[1]	ND	(0.318)	[1]	ND	(0.320)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		7		008		008		008	
	SAMPLE ID		08-SW-02		08-SW-03		09-MW-01		09-MW-02	
	08-SW-02-01		08-SW-03-01		09-MW-01-03		09-MW-02-03		09-MW-02-03	
SW8270 - Semivolatile Organics, cont. (ug/L)										
Di-n-octylphthalate	ND	(0.342)	[1]	ND	(0.356)	[1]	ND	(0.348)	[1]	ND (0.350)
Dibenz(a,h)anthracene	ND	(0.787)	[1]	ND	(0.819)	[1]	ND	(0.806)	[1]	ND (0.810)
Dibenzofuran	ND	(0.521)	[1]	ND	(0.542)	[1]	ND	(0.537)	[1]	ND (0.540)
Diethylphthalate	ND	(0.500)	[1]	ND	(0.520)	[1]	ND	(0.517)	[1]	ND (0.520)
Dimethylphthalate	ND	(0.326)	[1]	ND	(0.339)	[1]	ND	(0.338)	[1]	ND (0.340)
Diphenylamine/N-NitrosodPA	ND	(0.261)	[1]	ND	(0.272)	[1]	NA			NA
Fluoranthene	ND	(0.457)	[1]	ND	(0.476)	[1]	ND	(0.468)	[1]	ND (0.470)
Fluorene	ND	(0.369)	[1]	ND	(0.384)	[1]	ND	(0.378)	[1]	ND (0.380)
Hexachlorobenzene	ND	(0.305)	[1]	ND	(0.317)	[1]	ND	(0.308)	[1]	ND (0.310)
Hexachlorobutadiene	ND	(0.497)	[1]	ND	(0.517)	[1]	ND	(0.507)	[1]	ND (0.510)
Hexachlorocyclopentadiene	ND	(5.72)	[1]	ND	(5.95)	[1]	ND	(5.87)	[1]	ND (5.90)
Hexachloroethane	ND	(0.617)	[1]	ND	(0.641)	[1]	ND	(0.627)	[1]	ND (0.630)
Indeno(1,2,3-cd)pyrene	ND	(1.29)	[1]	ND	(1.34)	[1]	ND	(1.29)	[1]	ND (1.30)
Isophorone	ND	(0.598)	[1]	ND	(0.622)	[1]	ND	(0.617)	[1]	ND (0.620)
N-Nitroso-di-n-propylamine	ND	(0.635)	[1]	ND	(0.661)	[1]	ND	(0.647)	[1]	ND (0.650)
N-Nitrosodiphenylamine	NA			NA			ND	(0.269)	[1]	ND (0.270)
Naphthalene	ND	(0.464)	[1]	ND	(0.483)	[1]	ND	(0.478)	[1]	ND (0.480)
Nitrobenzene	ND	(0.817)	[1]	ND	(0.851)	[1]	ND	(0.836)	[1]	ND (0.840)
Pentachlorophenol	ND	(0.863)	[1]	ND	(0.898)	[1]	ND	(0.886)	[1]	ND (0.890)
Phenanthrene	ND	(0.454)	[1]	ND	(0.473)	[1]	ND	(0.468)	[1]	ND (0.470)
Phenol	ND	(0.857)	[1]	ND	(0.892)	[1]	ND	(0.876)	[1]	ND (0.880)
Pyrene	ND	(0.396)	[1]	ND	(0.412)	[1]	ND	(0.408)	[1]	ND (0.410)
bis(2-Chloroethoxy)methane	ND	(0.588)	[1]	ND	(0.612)	[1]	ND	(0.607)	[1]	ND (0.610)
bis(2-Chloroethyl)ether	ND	(0.372)	[1]	ND	(0.387)	[1]	ND	(0.378)	[1]	ND (0.380)
bis(2-Chloroisopropyl)ether	ND	(0.775)	[1]	ND	(0.806)	[1]	ND	(0.796)	[1]	ND (0.800)

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	7	7	008	008	008	008
	08-SW-02	08-SW-03	09-MW-01	09-MW-01	09-MW-02	09-MW-02
	08-SW-02-01	08-SW-03-01	09-MW-01-03	09-MW-01-03	09-MW-02-03	09-MW-02-03
SW8270 - Semivolatile Organics, cont. (ug/L)						
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND
	(0.564)	(0.587)	(0.577)	(0.580)	(0.580)	(0.580)
	[1]	[1]	[1]	[1]	[1]	[1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																				
	LOCATION ID				SAMPLE ID																
	008 09-MW-03 09-MW-03-03				008 09-MW-04 09-MW-04-03				008 09-MW-05 09-MW-05-03				008 09-MW-06 09-MW-06-03								

Diesel Range Organics (ug/L)																					
Diesel Range Organics	10.0	JB	(	200)	[1]	7.00	JB	(	200)	[1]	1.00	JB	(	200)	[1]	1.00	JB	(	200)	[1]
Gasoline Range Organics (ug/L)																					
Gasoline Range Organics	37.0	JB	(	100)	[1]	44.0	JB	(	100)	[1]	37.0	JB	(	100)	[1]	38.0	JB	(	100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)																					
1,1,1,2-Tetrachloroethane	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]
1,1,1-Trichloroethane	ND	(0.0920)	[1]	0.123	PB	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]
1,1,2-Trichloroethane	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]
1,1-Dichloroethane	ND	(	0.0480)	[1]	ND	(	0.0480)	[1]	ND	(	0.0480)	[1]	ND	(	0.0480)	[1]	ND	(	0.0480)	[1]
1,1-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]
1,2,3-Trichloropropane	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]
1,2-Dichlorobenzene	ND	(	0.170)	[1]	ND	(	0.0950)	[1]	ND	(	0.0950)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
1,2-Dichloroethane	ND	(	0.0540)	[1]	ND	(	0.0540)	[1]	ND	(	0.0540)	[1]	ND	(	0.0540)	[1]	ND	(	0.0540)	[1]
1,2-Dichloropropane	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]
1,3-Dichlorobenzene	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]
1,4-Dichlorobenzene	ND	(	0.190)	[1]	ND	(	0.190)	[1]	ND	(	0.190)	[1]	ND	(	0.190)	[1]	ND	(	0.190)	[1]
1-Chlorohexane	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]
2-Chloroethyl vinyl ether	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
Bromobenzene	ND	(	0.530)	[1]	ND	(	0.530)	[1]	ND	(	0.530)	[1]	ND	(	0.530)	[1]	ND	(	0.530)	[1]
Bromodichloromethane	ND	(	0.0680)	[1]	ND	(	0.0680)	[1]	ND	(	0.0680)	[1]	ND	(	0.0680)	[1]	ND	(	0.0680)	[1]
Bromomethane	ND	(	0.0560)	[1]	ND	(	0.0560)	[1]	ND	(	0.0560)	[1]	ND	(	0.0560)	[1]	ND	(	0.0560)	[1]
Carbon tetrachloride	0.0120	PJ	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]
Chlorobenzene	ND	(	0.140)	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	008	008	008	008	008	008	008	008	008	008	008	008
	09-MW-03	09-MW-03	09-MW-04	09-MW-04	09-MW-05	09-MW-05	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06
	09-MW-03-03	09-MW-03-03	09-MW-04-03	09-MW-04-03	09-MW-05-03	09-MW-05-03	09-MW-06-03	09-MW-06-03	09-MW-06-03	09-MW-06-03	09-MW-06-03	09-MW-06-03
PARAMETER	008	008	008	008	008	008	008	008	008	008	008	008
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	09-MW-03	09-MW-03	09-MW-04	09-MW-04	09-MW-05	09-MW-05	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06	09-MW-06
Chloroethane	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]
Chloroform	ND (0.0850)	[1]	ND (0.0850)	[1]	ND (0.0850)	[1]	ND (0.0850)	[1]	ND (0.0850)	[1]	ND (0.0850)	[1]
Chloromethane	ND (0.150)	[1]	ND (0.150)	[1]	ND (0.150)	[1]	ND (0.150)	[1]	ND (0.150)	[1]	ND (0.150)	[1]
Dibromochloromethane	ND (0.170)	[1]	ND (0.170)	[1]	ND (0.170)	[1]	ND (0.170)	[1]	ND (0.170)	[1]	ND (0.170)	[1]
Dibromomethane	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]
Methylene chloride	ND (0.220)	[1]	ND (0.220)	[1]	ND (0.220)	[1]	ND (0.220)	[1]	ND (0.220)	[1]	ND (0.220)	[1]
Tetrachloroethene	ND (0.0750)	[1]	ND (0.100)	[1]	ND (0.0750)	[1]	ND (0.100)	[1]	ND (0.0750)	[1]	ND (0.100)	[1]
Tribromomethane(Bromoform)	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]	ND (0.140)	[1]
Trichloroethene	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]	ND (0.110)	[1]
Trichlorofluoromethane	ND (0.0750)	[1]	ND (0.0750)	[1]	ND (0.0750)	[1]	ND (0.0750)	[1]	ND (0.0750)	[1]	ND (0.0750)	[1]
Vinyl chloride	ND (0.200)	[1]	ND (0.150)	[1]	ND (0.200)	[1]	ND (0.200)	[1]	ND (0.200)	[1]	ND (0.200)	[1]
cis-1,3-Dichloropropene	ND (0.0740)	[1]	ND (0.0740)	[1]	ND (0.0740)	[1]	ND (0.0740)	[1]	ND (0.0740)	[1]	ND (0.0740)	[1]
trans-1,2-Dichloroethene	ND (0.100)	[1]	ND (0.100)	[1]	ND (0.100)	[1]	ND (0.100)	[1]	ND (0.100)	[1]	ND (0.100)	[1]
trans-1,3-Dichloropropene	ND (0.0570)	[1]	ND (0.0570)	[1]	ND (0.0570)	[1]	ND (0.0570)	[1]	ND (0.0570)	[1]	ND (0.0570)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.50)	[1]
Ethanol	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.300)	[1]
Ethyl ether	ND (1.20)	[1]	ND (1.20)	[1]	ND (1.20)	[1]	ND (1.20)	[1]	ND (1.20)	[1]	ND (1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND (0.0710)	[1]	0.0515 PJB (0.0710)	[1]	0.0838 PJB (0.120)	[1]	ND (0.0710)	[1]	ND (0.0710)	[1]	ND (0.0710)	[1]
1,3-Dichlorobenzene	ND (0.0990)	[1]	0.124 (0.0990)	[1]	ND (0.130)	[1]	ND (0.0990)	[1]	ND (0.0990)	[1]	ND (0.0990)	[1]
1,4-Dichlorobenzene	ND (0.0950)	[1]	0.190 (0.0950)	[1]	0.0645 JB (0.0950)	[1]	ND (0.0950)	[1]	ND (0.0950)	[1]	ND (0.0950)	[1]

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	008			008			008			008		
	09-MW-03	09-MW-03-03	09-MW-04	09-MW-04-03	09-MW-05	09-MW-06	09-MW-05-03	09-MW-06-03	09-MW-06-03	09-MW-06-03	09-MW-06-03	09-MW-06-03
SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	0.0654	JB (0.0700)	[1]	8.46	(0.0700)	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]
Chlorobenzene	ND	(0.0450)	[1]	ND	(0.0450)	[1]	ND	(0.0450)	[1]	ND	(0.130)	[1]
Ethylbenzene	ND	(0.0680)	[1]	ND	(0.0680)	[1]	0.0490	JB (0.0680)	[1]	ND	(0.0680)	[1]
Toluene	0.0865	B (0.0480)	[1]	0.0518	B (0.0480)	[1]	0.0698	B (0.0480)	[1]	0.108	B (0.0480)	[1]
Xylene (total)	0.0398	JB (0.0850)	[1]	0.588	B (0.0850)	[1]	0.0779	JB (0.0850)	[1]	ND	(0.0850)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.00769)	[1]	ND	(0.00769)	[1]	ND	(0.00769)	[1]	ND	(0.00769)	[1]
4,4'-DDE	ND	(0.00519)	[1]	ND	(0.00519)	[1]	ND	(0.00519)	[1]	0.0100	B (0.00519)	[1]
4,4'-DDT	ND	(0.00962)	[1]	ND	(0.00962)	[1]	ND	(0.00962)	[1]	ND	(0.00962)	[1]
Aldrin	ND	(0.00894)	[1]	ND	(0.00894)	[1]	ND	(0.00894)	[1]	ND	(0.00336)	[1]
Chlordane	ND	(0.0288)	[1]	ND	(0.0288)	[1]	ND	(0.0288)	[1]	ND	(0.0288)	[1]
Dieldrin	ND	(0.00769)	[1]	ND	(0.00769)	[1]	ND	(0.00769)	[1]	ND	(0.00769)	[1]
Endosulfan I	ND	(0.00596)	[1]	ND	(0.00596)	[1]	ND	(0.00596)	[1]	ND	(0.00596)	[1]
Endosulfan II	ND	(0.00481)	[1]	ND	(0.00481)	[1]	ND	(0.00481)	[1]	ND	(0.00481)	[1]
Endosulfan Sulfate	0.00910	JB (0.0135)	[1]	0.00880	JB (0.0135)	[1]	0.00910	JB (0.0135)	[1]	0.0105	JB (0.0135)	[1]
Endrin	ND	(0.0115)	[1]	ND	(0.0115)	[1]	ND	(0.0115)	[1]	ND	(0.0115)	[1]
Endrin Aldehyde	ND	(0.00635)	[1]	ND	(0.00635)	[1]	ND	(0.00635)	[1]	ND	(0.00635)	[1]
Heptachlor	ND	(0.00519)	[1]	ND	(0.00519)	[1]	ND	(0.00519)	[1]	0.0161	(0.00519)	[1]
Heptachlor epoxide	0.0132	B (0.00327)	[1]	ND	(0.0240)	[1]	0.00870	B (0.00327)	[1]	0.00820	B (0.00327)	[1]
Methoxychlor	ND	(0.0471)	[1]	ND	(0.0471)	[1]	ND	(0.0471)	[1]	ND	(0.0471)	[1]
PCB-1016	ND	(0.0962)	[1]	ND	(0.0962)	[1]	ND	(0.0962)	[1]	ND	(0.0962)	[1]
PCB-1221	ND	(0.183)	[1]	ND	(0.183)	[1]	ND	(0.183)	[1]	ND	(0.183)	[1]
PCB-1232	ND	(0.0538)	[1]	ND	(0.0538)	[1]	ND	(0.0538)	[1]	ND	(0.0538)	[1]
PCB-1242	ND	(0.0558)	[1]	ND	(0.0558)	[1]	ND	(0.0558)	[1]	ND	(0.0558)	[1]

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R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	008		008		008		008		008	
	09-MW-03	09-MW-03-03	09-MW-04	09-MW-04-03	09-MW-05	09-MW-05-03	09-MW-06	09-MW-06-03		
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)										
PCB-1248	ND (0.144)	[1]	ND (0.144)	[1]	ND (0.144)	[1]	ND (0.144)	[1]	ND (0.144)	[1]
PCB-1254	ND (0.0760)	[1]	ND (0.0760)	[1]	ND (0.0760)	[1]	ND (0.0760)	[1]	ND (0.0760)	[1]
PCB-1260	ND (0.0433)	[1]	ND (0.0433)	[1]	ND (0.0433)	[1]	ND (0.0433)	[1]	ND (0.0433)	[1]
Toxaphene	ND (0.00962)	[1]	ND (0.00962)	[1]	ND (0.00962)	[1]	ND (0.00962)	[1]	ND (0.00962)	[1]
alpha-BHC	ND (0.00385)	[1]	ND (0.00385)	[1]	ND (0.00385)	[1]	ND (0.00385)	[1]	0.00800 B (0.00385)	[1]
beta-BHC	ND (0.00615)	[1]	ND (0.00615)	[1]	ND (0.00615)	[1]	ND (0.00615)	[1]	ND (0.00894)	[1]
delta-BHC	ND (0.00212)	[1]	ND (0.00212)	[1]	ND (0.00212)	[1]	ND (0.00212)	[1]	0.0138 B (0.00212)	[1]
gamma-BHC(Lindane)	ND (0.00442)	[1]	ND (0.0125)	[1]	ND (0.0125)	[1]	ND (0.0125)	[1]	ND (0.0125)	[1]
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND (0.590)	[1]	ND (0.593)	[1]	ND (0.621)	[1]	ND (0.621)	[1]	ND (0.621)	[1]
1,2-Dichlorobenzene	ND (0.640)	[1]	ND (0.643)	[1]	ND (0.674)	[1]	ND (0.674)	[1]	ND (0.674)	[1]
1,3-Dichlorobenzene	ND (0.720)	[1]	ND (0.724)	[1]	ND (0.758)	[1]	ND (0.758)	[1]	ND (0.758)	[1]
1,4-Dichlorobenzene	ND (0.590)	[1]	ND (0.593)	[1]	ND (0.621)	[1]	ND (0.621)	[1]	ND (0.621)	[1]
2,4,5-Trichlorophenol	ND (0.510)	[1]	ND (0.513)	[1]	ND (0.537)	[1]	ND (0.537)	[1]	ND (0.537)	[1]
2,4,6-Trichlorophenol	ND (0.500)	[1]	ND (0.503)	[1]	ND (0.526)	[1]	ND (0.526)	[1]	ND (0.526)	[1]
2,4-Dichlorophenol	ND (0.570)	[1]	ND (0.573)	[1]	ND (0.600)	[1]	ND (0.600)	[1]	ND (0.600)	[1]
2,4-Dimethylphenol	ND (1.30)	[1]	ND (1.31)	[1]	ND (1.37)	[1]	ND (1.37)	[1]	ND (1.37)	[1]
2,4-Dinitrophenol	ND (4.20)	[1]	ND (4.22)	[1]	ND (4.42)	[1]	ND (4.42)	[1]	ND (4.42)	[1]
2,4-Dinitrotoluene	ND (0.590)	[1]	ND (0.593)	[1]	ND (0.621)	[1]	ND (0.621)	[1]	ND (0.621)	[1]
2,6-Dinitrotoluene	ND (0.860)	[1]	ND (0.864)	[1]	ND (0.905)	[1]	ND (0.905)	[1]	ND (0.905)	[1]
2-Chloronaphthalene	ND (0.390)	[1]	ND (0.392)	[1]	ND (0.411)	[1]	ND (0.411)	[1]	ND (0.411)	[1]
2-Chlorophenol	ND (0.640)	[1]	ND (0.643)	[1]	ND (0.674)	[1]	ND (0.674)	[1]	ND (0.674)	[1]
2-Methylnaphthalene	ND (0.360)	[1]	ND (0.362)	[1]	ND (0.379)	[1]	ND (0.379)	[1]	ND (0.379)	[1]
2-Methylphenol (o-cresol)	ND (0.310)	[1]	ND (0.312)	[1]	ND (0.326)	[1]	ND (0.326)	[1]	ND (0.326)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	008				008				008			
	09-MW-03				09-MW-04				09-MW-05			
	09-MW-03-03				09-MW-04-03				09-MW-05-03			

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

	SITE ID	
	LOCATION ID	SAMPLE ID
PARAMETER	008	008
	09-MW-03	09-MW-06
	09-MW-03-03	09-MW-06-03
	008	008
	09-MW-04	09-MW-05
	09-MW-04-03	09-MW-05-03

Compiled: 16 March 1995

() = Detection Limit

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ND = Not Detected

NA = Not Applicable

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A7-92

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03				
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03								

Diesel Range Organics (ug/L)	3.00 JB (	200)	[1]	6.00 JB (	200)	[1]	3.00 JB (	200)	[1]	13.0 JB (	200)	[1]
Diesel Range Organics												
Gasoline Range Organics (ug/L)	25.0 JB (	100)	[1]	23.0 B (	10.0)	[1]	21.0 B (	10.0)	[1]	51.0 JB (	100)	[1]
Gasoline Range Organics												
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND (	0.0219)	[1]	NA			NA			ND (	0.0285)	[1]
1,1,1-Trichloroethane	ND (	0.147)	[1]	NA			NA			ND (	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND (	0.144)	[1]	NA			NA			ND (	0.0427)	[1]
1,1,2-Trichloroethane	ND (	0.0454)	[1]	NA			NA			ND (	0.0172)	[1]
1,1-Dichloroethane	ND (	0.0222)	[1]	NA			NA			ND (	0.0729)	[1]
1,1-Dichloroethene	ND (	0.112)	[1]	NA			NA			ND (	0.0568)	[1]
1,2,3-Trichloropropane	ND (	0.109)	[1]	NA			NA			ND (	0.0367)	[1]
1,2-Dichlorobenzene	ND (	0.0949)	[1]	NA			NA			ND (	0.0288)	[1]
1,2-Dichloroethane	ND (	0.0823)	[1]	NA			NA			ND (	0.0286)	[1]
1,2-Dichloropropane	ND (	0.0228)	[1]	NA			NA			ND (	0.0320)	[1]
1,3-Dichlorobenzene	ND (	0.0878)	[1]	NA			NA			ND (	0.0902)	[1]
1,4-Dichlorobenzene	ND (	0.0908)	[1]	NA			NA			ND (	0.0322)	[1]
1-Chlorohexane	ND (	0.0404)	[1]	NA			NA			ND (	0.0957)	[1]
2-Chloroethyl vinyl ether	ND (	0.101)	[1]	NA			NA			ND (	0.170)	[1]
Bromobenzene	ND (	0.0451)	[1]	NA			NA			ND (	0.0693)	[1]
Bromodichloromethane	ND (	0.0886)	[1]	NA			NA			ND (	0.0150)	[1]
Bromomethane	ND (	0.0858)	[1]	NA			NA			ND (	0.161)	[1]
Carbon tetrachloride	ND (0.0854)	[1]	NA			NA			ND (0.0444)	[1]
Chlorobenzene	ND (0.124)	[1]	NA			NA			ND (0.0301)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	

	008	008	008	
	09-MW-15	10-GP-01	10-GP-02	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03

SW8010 - Halogenated Volatile Organics, cont. (ug/L)				
Chloroethane	ND (0.0800)	[1]	NA	ND (0.0499) [1]
Chloroform	ND (0.0258)	[1]	NA	ND (0.0512) [1]
Chloromethane	ND (0.151)	[1]	NA	ND (0.0213) [1]
Dibromochloromethane	ND (0.0820)	[1]	NA	ND (0.0101) [1]
Dibromomethane	ND (0.0742)	[1]	NA	ND (0.0939) [1]
Methylene chloride	0.445 TB (0.0842)	[1]	NA	ND (0.0430) [1]
Tetrachloroethene	ND (0.0750)	[1]	NA	ND (0.0381) [1]
Tribromomethane(Bromoform)	ND (0.0944)	[1]	NA	ND (0.252) [1]
Trichloroethene	ND (0.0732)	[1]	NA	0.256 (0.0387) [1]
Trichlorofluoromethane	ND (0.0980)	[1]	NA	ND (0.0603) [1]
Vinyl chloride	ND (0.151)	[1]	NA	ND (0.0761) [1]
cis-1,3-Dichloropropene	ND (0.0804)	[1]	NA	ND (0.0220) [1]
trans-1,2-Dichloroethene	ND (0.0870)	[1]	NA	ND (0.160) [1]
trans-1,3-Dichloropropene	ND (0.0719)	[1]	NA	ND (0.0302) [1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	ND (2.38)	[1]	NA	ND (2.40) [1]
4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]	NA	ND (1.50) [1]
Ethanol	ND (0.301)	[1]	NA	ND (0.300) [1]
Ethyl ether	ND (1.16)	[1]	NA	ND (1.20) [1]

SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND (0.0784)	[1]	NA	ND (0.120) [1]
1,3-Dichlorobenzene	ND (0.0780)	[1]	NA	ND (0.0780) [1]
1,4-Dichlorobenzene	ND (0.0711)	[1]	NA	ND (0.160) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01	10-MW-01-03	
	09-MW-15-01	10-GP-01-01	10-GP-02-01			

SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	5.49 (0.0832) [1]	NA	NA	0.476 B (0.0830) [1]		
Chlorobenzene	ND (0.0802) [1]	NA	NA	ND (0.130) [1]		
Ethylbenzene	0.0166 KJB (0.0436) [1]	NA	NA	0.0355 JB (0.0810) [1]		
Toluene	0.0907 B (0.0813) [1]	NA	NA	0.113 B (0.0810) [1]		
Xylene (total)	0.0344 JB (0.0811) [1]	NA	NA	0.167 B (0.0810) [1]		

SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	NA	NA	NA	ND (0.00922) [1]		
4,4'-DDE	NA	NA	NA	ND (0.00647) [1]		
4,4'-DDT	NA	NA	NA	ND (0.00980) [1]		
Aldrin	NA	NA	NA	ND (0.00912) [1]		
Chlordane	NA	NA	NA	ND (0.0294) [1]		
Dieldrin	NA	NA	NA	ND (0.00784) [1]		
Endosulfan I	NA	NA	NA	ND (0.00608) [1]		
Endosulfan II	NA	NA	NA	ND (0.00529) [1]		
Endosulfan Sulfate	NA	NA	NA	0.00950 JB (0.0137) [1]		
Endrin	NA	NA	NA	ND (0.0118) [1]		
Endrin Aldehyde	NA	NA	NA	ND (0.00647) [1]		
Heptachlor	NA	NA	NA	ND (0.0324) [1]		
Heptachlor epoxide	NA	NA	NA	ND (0.0245) [1]		
Methoxychlor	NA	NA	NA	ND (0.0480) [1]		
PCB-1016	NA	NA	NA	ND (0.0980) [1]		
PCB-1221	NA	NA	NA	ND (0.186) [1]		
PCB-1232	NA	NA	NA	ND (0.0549) [1]		
PCB-1242	NA	NA	NA	ND (0.0569) [1]		

Compiled: 16 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

NA = Not Applicable R = Invalid Result, Refer to QC Report

A7-96

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8270 - Semivolatile Organics, cont. (ug/L)	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03
2-Nitroaniline	ND	NA	NA	ND (0.667) [1]
2-Nitrophenol	ND	NA	NA	ND (0.525) [1]
3,3'-Dichlorobenzidine	ND	NA	NA	ND (0.333) [1]
3-Nitroaniline	ND	NA	NA	ND (0.394) [1]
4,6-Dinitro-2-methylphenol	ND	NA	NA	ND (0.434) [1]
4-Bromophenyl phenyl ether	ND	NA	NA	ND (0.495) [1]
4-Chloro-3-methylphenol	ND	NA	NA	ND (0.525) [1]
4-Chloroaniline	ND	NA	NA	ND (0.747) [1]
4-Chlorophenyl phenyl ether	ND	NA	NA	ND (0.424) [1]
4-Methylphenol(p-cresol)	ND	NA	NA	ND (0.465) [1]
4-Nitroaniline	ND	NA	NA	ND (0.616) [1]
4-Nitrophenol	ND	NA	NA	ND (0.949) [1]
Acenaphthene	ND	NA	NA	ND (0.273) [1]
Acenaphthylene	ND	NA	NA	ND (0.424) [1]
Anthracene	ND	NA	NA	ND (0.374) [1]
Benzo(a)anthracene	ND	NA	NA	ND (0.455) [1]
Benzo(a)pyrene	ND	NA	NA	ND (0.525) [1]
Benzo(b)fluoranthene	ND	NA	NA	ND (0.919) [1]
Benzo(g,h,i)perylene	ND	NA	NA	ND (1.01) [1]
Benzo(k)fluoranthene	ND	NA	NA	ND (1.01) [1]
Benzoic acid	ND	NA	NA	ND (39.4) [1]
Benzyl alcohol	ND	NA	NA	ND (0.616) [1]
Butylbenzylphthalate	ND	NA	NA	ND (0.626) [1]
Chrysene	ND	NA	NA	ND (0.545) [1]
Di-n-butylphthalate	ND	NA	NA	ND (0.323) [1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01	10-MW-01	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03		
SW8270 - Semivolatile Organics, cont. (ug/L)						
Di-n-octylphthalate	ND (0.959)	NA [1]	NA	ND	(0.354)	[1]
Dibenz(a,h)anthracene	ND (0.499)	NA [1]	NA	ND	(0.818)	[1]
Dibenzofuran	ND (0.429)	NA [1]	NA	ND	(0.545)	[1]
Diethylphthalate	ND (0.354)	NA [1]	NA	ND	(0.525)	[1]
Dimethylphthalate	ND (0.295)	NA [1]	NA	ND	(0.343)	[1]
Diphenylamine/N-NitrosodPA	ND (0.596)	NA [1]	NA	NA		
Fluoranthene	ND (0.672)	NA [1]	NA	ND	(0.475)	[1]
Fluorene	ND (0.354)	NA [1]	NA	ND	(0.384)	[1]
Hexachlorobenzene	ND (0.246)	NA [1]	NA	ND	(0.313)	[1]
Hexachlorobutadiene	ND (0.735)	NA [1]	NA	ND	(0.515)	[1]
Hexachlorocyclopentadiene	ND (9.39)	NA [1]	NA	ND	(5.96)	[1]
Hexachloroethane	ND (0.625)	NA [1]	NA	ND	(0.636)	[1]
Indeno(1,2,3-cd)pyrene	ND (0.553)	NA [1]	NA	ND	(1.31)	[1]
Isophorone	ND (0.302)	NA [1]	NA	ND	(0.626)	[1]
N-Nitroso-di-n-propylamine	ND (0.791)	NA [1]	NA	ND	(0.657)	[1]
N-Nitrosodiphenylamine	NA	NA	NA	ND	(0.273)	[1]
Naphthalene	ND (0.767)	NA [1]	NA	ND	(0.485)	[1]
Nitrobenzene	ND (0.556)	NA [1]	NA	ND	(0.848)	[1]
Pentachlorophenol	ND (0.909)	NA [1]	NA	ND	(0.899)	[1]
Phenanthrene	ND (0.655)	NA [1]	NA	ND	(0.475)	[1]
Phenol	ND (0.420)	NA [1]	NA	ND	(0.889)	[1]
Pyrene	ND (0.493)	NA [1]	NA	ND	(0.414)	[1]
bis(2-Chloroethoxy)methane	ND (0.592)	NA [1]	NA	ND	(0.616)	[1]
bis(2-Chloroethyl) ether	ND (0.771)	NA [1]	NA	ND	(0.384)	[1]
bis(2-Chloroisopropyl) ether	ND (0.764)	NA [1]	NA	ND	(0.808)	[1]

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
SW8270 - Semivolatile Organics, cont. (ug/L) bis(2-Ethylhexyl)phthalate	008	008	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-GP-02	10-MW-01	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-GP-02-01	10-MW-01-03	10-MW-01-03

	1.74 JB (	1.93)	[1]	NA	184	(2.93) [5]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																		
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID										
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID										
	008	008	008	008	008	008	008	008	008	008									
	10-MW-02	10-MW-03	10-MW-03	10-MW-04	10-MW-04	10-MW-04	10-MW-04	10-MW-04	10-MW-04	10-MW-04									
	10-MW-02-03	10-MW-03-03	10-MW-03-03	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01	10-MW-04-01									

Diesel Range Organics (ug/L)	650	(	200)	[1]	8.00	JB	(	200)	[1]	10.0	JB	(	200)	[1]	11.0	JB	(	200)	[1]
Diesel Range Organics																			
Gasoline Range Organics (ug/L)	3500	(	100)	[1]	210	(	100)	[1]	180	(	100)	[1]	49.0	JB	(	100)	[1]		
Gasoline Range Organics																			
SW8010 - Halogenated Volatile Organics (ug/L)																			
1,1,1,2-Tetrachloroethane	ND	(	0.0285)	[1]	ND	(	0.0400)	[1]	ND	(	0.0852)	[1]	ND	(	0.0400)	[1]			
1,1,1-Trichloroethane	ND	(	0.138)	[1]	0.0299	PJB	(	0.0920)	[1]	ND	(	0.166)	[1]	0.163	B	(	0.0920)	[1]	
1,1,2,2-Tetrachloroethane	ND	(	0.0427)	[1]	ND	(	0.100)	[1]	ND	(	0.129)	[1]	ND	(	0.100)	[1]			
1,1,2-Trichloroethane	ND	(	0.0172)	[1]	ND	(	0.100)	[1]	ND	(	0.123)	[1]	ND	(	0.100)	[1]			
1,1-Dichloroethane	ND	(	0.0729)	[1]	0.0667	PB	(	0.0480)	[1]	0.184	(	0.0666)	[1]	ND	(	0.0480)	[1]		
1,1-Dichloroethene	ND	(	0.0568)	[1]	ND	(	0.100)	[1]	ND	(	0.0501)	[1]	ND	(	0.100)	[1]			
1,2,3-Trichloropropane	ND	(	0.0367)	[1]	ND	(	0.120)	[1]	ND	(	0.154)	[1]	ND	(	0.120)	[1]			
1,2-Dichlorobenzene	ND	(	0.0288)	[1]	0.00650	KJB	(	0.170)	[1]	ND	(	0.0893)	[1]	ND	(	0.170)	[1]		
1,2-Dichloroethane	ND	(	0.0286)	[1]	ND	(	0.0540)	[1]	ND	(	0.0800)	[1]	ND	(	0.0540)	[1]			
1,2-Dichloropropane	ND	(	0.0320)	[1]	ND	(	0.0750)	[1]	ND	(	0.0457)	[1]	ND	(	0.0750)	[1]			
1,3-Dichlorobenzene	ND	(	0.0902)	[1]	ND	(	0.150)	[1]	ND	(	0.0688)	[1]	ND	(	0.150)	[1]			
1,4-Dichlorobenzene	ND	(	0.0322)	[1]	0.00450	KJB	(	0.190)	[1]	ND	(	0.0553)	[1]	ND	(	0.190)	[1]		
1-Chlorohexane	ND	(	0.0957)	[1]	0.0162	KJB	(	0.120)	[1]	0.0309	J	(	0.154)	[1]	ND	(	0.120)	[1]	
2-Chloroethyl vinyl ether	ND	(	0.0281)	[1]	ND	(	0.170)	[1]	ND	(	0.194)	[1]	ND	(	0.170)	[1]			
Bromobenzene	ND	(	0.0693)	[1]	ND	(	0.530)	[1]	ND	(	0.132)	[1]	0.645	(	0.530)	[1]			
Bromodichloromethane	ND	(	0.0150)	[1]	ND	(	0.0680)	[1]	ND	(	0.0448)	[1]	ND	(	0.0680)	[1]			
Bromomethane	ND	(	0.161)	[1]	ND	(	0.0860)	[1]	ND	(	0.252)	[1]	ND	(	0.0560)	[1]			
Carbon tetrachloride	ND	(0.0444)	[1]	ND	(0.110)	[1]	ND	(0.0693)	[1]	ND	(0.110)	[1]			
Chlorobenzene	ND	(0.0301)	[1]	ND	(0.140)	[1]	ND	(0.0513)	[1]	ND	(0.140)	[1]			

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			008			008			005		
	10-MW-02			10-MW-03			10-MW-04			12-MW-01		
	10-MW-02-03			10-MW-03-03			10-MW-04-01			12-MW-01-03		
	LOCATION ID			LOCATION ID			LOCATION ID			LOCATION ID		
	SAMPLE ID			SAMPLE ID			SAMPLE ID			SAMPLE ID		

SW8010 - Halogenated Volatile Organics, cont. (ug/L)												
Chloroethane	ND	(0.0499)	[1]	ND	(0.110)	[1]	ND	(0.115)	[1]	ND	(0.110)	[1]
Chloroform	ND	(0.0512)	[1]	ND	(0.0850)	[1]	ND	(0.0533)	[1]	ND	(0.0850)	[1]
Chloromethane	ND	(0.0213)	[1]	ND	(0.150)	[1]	ND	(0.172)	[1]	ND	(0.150)	[1]
Dibromochloromethane	ND	(0.0101)	[1]	ND	(0.170)	[1]	ND	(0.114)	[1]	ND	(0.170)	[1]
Dibromomethane	ND	(0.0939)	[1]	ND	(0.140)	[1]	ND	(0.118)	[1]	ND	(0.140)	[1]
Methylene chloride	ND	(0.0430)	[1]	ND	(0.220)	[1]	0.0371 JB	(0.0562)	[1]	ND	(0.220)	[1]
Tetrachloroethene	ND	(0.0381)	[1]	0.00480 KJB	(0.100)	[1]	ND	(0.0759)	[1]	ND	(0.100)	[1]
Tribromomethane(Bromoform)	ND	(0.252)	[1]	ND	(0.140)	[1]	ND	(0.0281)	[1]	ND	(0.140)	[1]
Trichloroethene	0.164	(0.0387)	[1]	0.00170 PJB	(0.110)	[1]	ND	(0.103)	[1]	ND	(0.110)	[1]
Trichlorofluoromethane	ND	(0.0603)	[1]	ND	(0.0750)	[1]	ND	(0.0637)	[1]	ND	(0.0750)	[1]
Vinyl chloride	ND	(0.0761)	[1]	ND	(0.200)	[1]	ND	(0.158)	[1]	ND	(0.200)	[1]
cis-1,3-Dichloropropene	ND	(0.0220)	[1]	ND	(0.0740)	[1]	ND	(0.0565)	[1]	ND	(0.0740)	[1]
trans-1,2-Dichloroethene	ND	(0.160)	[1]	ND	(0.100)	[1]	ND	(0.0448)	[1]	ND	(0.100)	[1]
trans-1,3-Dichloropropene	ND	(0.0302)	[1]	ND	(0.0570)	[1]	ND	(0.117)	[1]	ND	(0.0570)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	ND	(2.40)	[1]	ND	(2.40)	[1]	ND	(2.38)	[1]	ND	(2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(1.50)	[1]	ND	(1.50)	[1]	ND	(1.46)	[1]	ND	(1.50)	[1]
Ethanol	ND	(0.300)	[1]	ND	(0.300)	[1]	ND	(0.301)	[1]	ND	(0.300)	[1]
Ethyl ether	ND	(1.20)	[1]	ND	(1.20)	[1]	ND	(1.16)	[1]	ND	(1.20)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	27.8 P	(1.78)	[25]	1.30	(0.700)	[5]	0.0450 PJB	(0.0796)	[1]	ND	(0.140)	[1]
1,3-Dichlorobenzene	4.23 P	(2.48)	[25]	ND	(0.650)	[5]	0.0637 JB	(0.0756)	[1]	ND	(0.130)	[1]
1,4-Dichlorobenzene	41.3 P	(2.38)	[25]	0.500 J	(0.650)	[5]	ND	(0.0813)	[1]	ND	(0.130)	[1]

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TABLE A7

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	008				008				005			
	10-MW-02		10-MW-03		10-MW-03		10-MW-04		10-MW-04		12-MW-01	
	10-MW-02-03		10-MW-03-03		10-MW-03-03		10-MW-04-01		10-MW-04-01		12-MW-01-03	

SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	153	(1.75)	[25]	88.1	(0.395)	[5]	35.8	(0.0519)	[1]	0.0412 JB	(0.0790)	[1]
Chlorobenzene	ND	(1.12)	[25]	0.489 PJ	(0.600)	[5]	0.0252 PB	(0.0140)	[1]	ND	(0.120)	[1]
Ethylbenzene	74.6	(1.70)	[25]	0.146 J	(0.600)	[5]	0.0618 B	(0.0436)	[1]	0.0642 JB	(0.120)	[1]
Toluene	55.8	(1.20)	[25]	0.156 PJB	(0.550)	[5]	0.144 B	(0.0647)	[1]	0.0712 JB	(0.110)	[1]
Xylene (total)	403	(2.12)	[25]	15.0	(0.650)	[5]	1.37 B	(0.127)	[1]	0.131 B	(0.130)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4' -DDD	ND	(0.00800)	[1]	ND	(0.00808)	[1]	NA			ND	(0.00808)	[1]
4,4' -DDE	ND	(0.00540)	[1]	ND	(0.00545)	[1]	NA			ND	(0.00545)	[1]
4,4' -DDT	ND	(0.0100)	[1]	ND	(0.0101)	[1]	NA			ND	(0.0101)	[1]
Aldrin	ND	(0.00350)	[1]	0.0173	(0.00354)	[1]	NA			ND	(0.00354)	[1]
Chlordane	ND	(0.0300)	[1]	ND	(0.0303)	[1]	NA			ND	(0.0303)	[1]
Dieldrin	ND	(0.00800)	[1]	ND	(0.00808)	[1]	NA			ND	(0.00808)	[1]
Endosulfan I	ND	(0.00620)	[1]	ND	(0.00626)	[1]	NA			ND	(0.00626)	[1]
Endosulfan II	ND	(0.00540)	[1]	ND	(0.00545)	[1]	NA			ND	(0.00505)	[1]
Endosulfan Sulfate	0.00740 JB	(0.0140)	[1]	0.00900 JB	(0.0141)	[1]	NA			0.0120 B	(0.0141)	[1]
Endrin	ND	(0.0120)	[1]	ND	(0.0121)	[1]	NA			ND	(0.0121)	[1]
Endrin Aldehyde	ND	(0.00660)	[1]	ND	(0.00667)	[1]	NA			ND	(0.00667)	[1]
Heptachlor	ND	(0.00540)	[1]	0.00820 B	(0.00545)	[1]	NA			ND	(0.0333)	[1]
Heptachlor epoxide	0.00510 PJB	(0.0250)	[1]	ND	(0.0253)	[1]	NA			ND	(0.0253)	[1]
Methoxychlor	ND	(0.0490)	[1]	ND	(0.0495)	[1]	NA			ND	(0.0495)	[1]
PCB-1016	ND	(0.100)	[1]	ND	(0.101)	[1]	NA			ND	(0.101)	[1]
PCB-1221	ND	(0.190)	[1]	ND	(0.192)	[1]	NA			ND	(0.192)	[1]
PCB-1232	ND	(0.0560)	[1]	ND	(0.0566)	[1]	NA			ND	(0.0566)	[1]
PCB-1242	ND	(0.0580)	[1]	ND	(0.0586)	[1]	NA			ND	(0.0586)	[1]

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	10-MW-02	10-MW-03	10-MW-03-03	10-MW-04	10-MW-04-01	12-MW-01
	10-MW-02-03	10-MW-03-03	10-MW-03-03	10-MW-04-01	10-MW-04-01	12-MW-01-03
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)						
PCB-1248	ND (0.150)	[1]	ND (0.152)	[1]	NA	ND (0.152)
PCB-1254	ND (0.0790)	[1]	ND (0.0798)	[1]	NA	ND (0.0798)
PCB-1260	ND (0.0450)	[1]	ND (0.0455)	[1]	NA	ND (0.0455)
Toxaphene	ND (0.0100)	[1]	ND (0.0101)	[1]	NA	ND (0.0101)
alpha-BHC	ND (0.00350)	[1]	ND (0.00404)	[1]	NA	ND (0.00404)
beta-BHC	ND (0.00640)	[1]	0.0230 (0.00646)	[1]	NA	ND (0.00646)
delta-BHC	ND (0.00260)	[1]	ND (0.00263)	[1]	NA	ND (0.00222)
gamma-BHC(Lindane)	0.0191 P (0.0130)	[1]	ND (0.00465)	[1]	NA	ND (0.00465)
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND (0.596)	[1]	ND (0.584)	[1]	ND	ND (0.590)
1,2-Dichlorobenzene	ND (0.646)	[1]	ND (0.634)	[1]	ND	ND (0.640)
1,3-Dichlorobenzene	ND (0.727)	[1]	ND (0.713)	[1]	ND	ND (0.720)
1,4-Dichlorobenzene	ND (0.596)	[1]	ND (0.584)	[1]	ND	ND (0.590)
2,4,5-Trichlorophenol	ND (0.515)	[1]	ND (0.505)	[1]	ND	ND (0.510)
2,4,6-Trichlorophenol	ND (0.505)	[1]	ND (0.495)	[1]	ND	ND (0.500)
2,4-Dichlorophenol	ND (0.576)	[1]	ND (0.564)	[1]	ND	ND (0.570)
2,4-Dimethylphenol	8.07 (1.31)	[1]	ND (1.29)	[1]	ND	ND (1.30)
2,4-Dinitrophenol	ND (4.24)	[1]	ND (4.16)	[1]	ND	ND (4.20)
2,4-Dinitrotoluene	ND (0.596)	[1]	ND (0.584)	[1]	ND	ND (0.590)
2,6-Dinitrotoluene	ND (0.869)	[1]	ND (0.851)	[1]	ND	ND (0.860)
2-Chloronaphthalene	ND (0.394)	[1]	ND (0.386)	[1]	ND	ND (0.390)
2-Chlorophenol	ND (0.646)	[1]	ND (0.634)	[1]	ND	ND (0.640)
2-Methylnaphthalene	6.81 (0.364)	[1]	ND (0.356)	[1]	ND	ND (0.360)
2-Methylphenol (o-cresol)	1.39 (0.313)	[1]	ND (0.307)	[1]	ND	ND (0.310)

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PARAMETER	SITE ID									
	LOCATION ID		008		008		008		005	
	SAMPLE ID		10-MW-02		10-MW-03		10-MW-04		12-MW-01	
			10-MW-02-03		10-MW-03-03		10-MW-04-01		12-MW-01-03	
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Nitroaniline	ND	(0.667)	[1]	ND	(0.653)	[1]	ND	(0.410)	[1]	ND (0.660)
2-Nitrophenol	ND	(0.525)	[1]	ND	(0.515)	[1]	ND	(0.449)	[1]	ND (0.520)
3,3'-Dichlorobenzidine	ND	(0.333)	[1]	ND	(0.327)	[1]	ND	(0.500)	[1]	ND (0.330)
3-Nitroaniline	ND	(0.394)	[1]	ND	(0.386)	[1]	ND	(0.519)	[1]	ND (0.390)
4,6-Dinitro-2-methylphenol	ND	(0.434)	[1]	ND	(0.426)	[1]	ND	(0.808)	[1]	ND (0.430)
4-Bromophenyl phenyl ether	ND	(0.495)	[1]	ND	(0.485)	[1]	ND	(0.465)	[1]	ND (0.490)
4-Chloro-3-methylphenol	ND	(0.525)	[1]	ND	(0.515)	[1]	ND	(0.738)	[1]	ND (0.520)
4-Chloroaniline	ND	(0.747)	[1]	ND	(0.733)	[1]	ND	(0.570)	[1]	ND (0.740)
4-Chlorophenyl phenyl ether	ND	(0.424)	[1]	ND	(0.416)	[1]	ND	(0.539)	[1]	ND (0.420)
4-Methylphenol(p-cresol)	1.71	(0.465)	[1]	ND	(0.455)	[1]	ND	(0.587)	[1]	ND (0.460)
4-Nitroaniline	ND	(0.616)	[1]	ND	(0.604)	[1]	ND	(0.494)	[1]	ND (0.610)
4-Nitrophenol	ND	(0.949)	[1]	ND	(0.931)	[1]	ND	(0.705)	[1]	ND (0.940)
Acenaphthene	ND	(0.273)	[1]	ND	(0.267)	[1]	ND	(0.488)	[1]	ND (0.270)
Acenaphthylene	ND	(0.424)	[1]	ND	(0.416)	[1]	ND	(0.231)	[1]	ND (0.420)
Anthracene	ND	(0.374)	[1]	ND	(0.366)	[1]	ND	(0.593)	[1]	ND (0.370)
Benzo(a)anthracene	ND	(0.455)	[1]	ND	(0.446)	[1]	ND	(0.526)	[1]	ND (0.450)
Benzo(a)pyrene	ND	(0.525)	[1]	ND	(0.515)	[1]	ND	(0.391)	[1]	ND (0.520)
Benzo(b)fluoranthene	ND	(0.919)	[1]	ND	(0.901)	[1]	ND	(0.581)	[1]	ND (0.910)
Benzo(g,h,i)perylene	ND	(1.01)	[1]	ND	(0.990)	[1]	ND	(0.497)	[1]	ND (1.00)
Benzo(k)fluoranthene	ND	(1.01)	[1]	ND	(0.990)	[1]	ND	(0.988)	[1]	ND (1.00)
Benzoic acid	3.27 J	(39.4)	[1]	ND	(38.6)	[1]	ND	(4.04)	[1]	ND (39.0)
Benzyl alcohol	ND	(0.616)	[1]	ND	(0.604)	[1]	ND	(1.10)	[1]	ND (0.610)
Butylbenzylphthalate	ND	(0.626)	[1]	ND	(0.614)	[1]	ND	(0.401)	[1]	ND (0.620)
Chrysene	ND	(0.545)	[1]	ND	(0.535)	[1]	ND	(0.683)	[1]	ND (0.540)
Di-n-butylphthalate	ND	(0.323)	[1]	ND	(0.317)	[1]	ND	(0.503)	[1]	ND (0.320)

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	008			008			008			005		
	10-MW-02	10-MW-02-03		10-MW-03	10-MW-03-03		10-MW-04	10-MW-04-01		12-MW-01	12-MW-01-03	
SW8270 - Semivolatile Organics, cont. (ug/L)												
Di-n-octylphthalate	ND (0.354)	[1]		ND (0.347)	[1]		ND (0.930)	[1]		ND (0.350)	[1]	
Dibenz(a,h)anthracene	ND (0.818)	[1]		ND (0.802)	[1]		ND (0.484)	[1]		ND (0.810)	[1]	
Dibenzofuran	ND (0.545)	[1]		ND (0.535)	[1]		ND (0.416)	[1]		ND (0.540)	[1]	
Diethylphthalate	ND (0.525)	[1]		ND (0.515)	[1]		ND (0.343)	[1]		ND (0.520)	[1]	
Dimethylphthalate	ND (0.343)	[1]		ND (0.337)	[1]		ND (0.286)	[1]		ND (0.340)	[1]	
Diphenylamine/N-NitrosodPA	NA			NA			ND (0.578)	[1]		ND (0.270)	[1]	
Fluoranthene	ND (0.475)	[1]		ND (0.465)	[1]		ND (0.651)	[1]		ND (0.470)	[1]	
Fluorene	ND (0.384)	[1]		ND (0.376)	[1]		ND (0.343)	[1]		ND (0.380)	[1]	
Hexachlorobenzene	ND (0.313)	[1]		ND (0.307)	[1]		ND (0.239)	[1]		ND (0.310)	[1]	
Hexachlorobutadiene	ND (0.515)	[1]		ND (0.505)	[1]		ND (0.712)	[1]		ND (0.510)	[1]	
Hexachlorocyclopentadiene	ND (5.96)	[1]		ND (5.84)	[1]		ND (9.10)	[1]		ND (5.90)	[1]	
Hexachloroethane	ND (0.636)	[1]		ND (0.624)	[1]		ND (0.606)	[1]		ND (0.630)	[1]	
Indeno(1,2,3-cd)pyrene	ND (1.31)	[1]		ND (1.29)	[1]		ND (0.536)	[1]		ND (1.30)	[1]	
Isophorone	ND (0.626)	[1]		ND (0.614)	[1]		ND (0.293)	[1]		ND (0.620)	[1]	
N-Nitroso-di-n-propylamine	ND (0.657)	[1]		ND (0.644)	[1]		ND (0.766)	[1]		ND (0.650)	[1]	
N-Nitrosodiphenylamine	ND (0.273)	[1]		ND (0.267)	[1]		NA			NA		
Naphthalene	14.5 (0.485)	[1]	0.751	ND (0.475)	[1]		ND (0.744)	[1]		ND (0.480)	[1]	
Nitrobenzene	ND (0.848)	[1]		ND (0.832)	[1]		ND (0.539)	[1]		ND (0.840)	[1]	
Pentachlorophenol	ND (0.899)	[1]		ND (0.881)	[1]		ND (0.882)	[1]		ND (0.890)	[1]	
Phenanthrene	ND (0.475)	[1]		ND (0.465)	[1]		ND (0.635)	[1]		ND (0.470)	[1]	
Phenol	5.66 (0.889)	[1]		ND (0.871)	[1]		ND (0.407)	[1]		ND (0.880)	[1]	
Pyrene	ND (0.414)	[1]		ND (0.406)	[1]		ND (0.478)	[1]		ND (0.410)	[1]	
bis(2-Chloroethoxy)methane	ND (0.616)	[1]		ND (0.604)	[1]		ND (0.573)	[1]		ND (0.610)	[1]	
bis(2-Chloroethyl)ether	ND (0.384)	[1]		ND (0.376)	[1]		ND (0.747)	[1]		ND (0.380)	[1]	
bis(2-Chloroisopropyl)ether	ND (0.808)	[1]		ND (0.792)	[1]		ND (0.741)	[1]		ND (0.800)	[1]	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				
	LOCATION ID				
	SAMPLE ID				
SW8270 - Semivolatile Organics, cont. (ug/L)	008	008	008	005	
	10-MW-02	10-MW-03	10-MW-04	12-MW-01	
	10-MW-02-03	10-MW-03-03	10-MW-04-01	12-MW-01-03	
bis(2-Ethylhexyl)phthalate	ND (0.586)	[1]	ND (0.574)	[1]	ND (0.580)

SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)	NA	NA	NA	NA	NA
	Acenaphthene	NA	NA	NA	ND (0.594)
	Acenaphthylene	NA	NA	NA	ND (0.812)
	Anthracene	NA	NA	NA	ND (0.139)
	Benzo(a)anthracene	NA	NA	NA	ND (0.00277)
	Benzo(a)pyrene	NA	NA	NA	0.00270 JB (0.00356)
	Benzo(b)fluoranthene	NA	NA	NA	0.00810 JB (0.0109)
	Benzo(g,h,i)perylene	NA	NA	NA	ND (0.0277)
	Benzo(k)fluoranthene	NA	NA	NA	0.00590 B (0.00158)
	Chrysene	NA	NA	NA	ND (0.0485)
	Dibenz(a,h)anthracene	NA	NA	NA	0.00540 JB (0.00842)
	Fluoranthene	NA	NA	NA	ND (0.0495)
	Fluorene	NA	NA	NA	ND (0.0792)
	Indeno(1,2,3-cd)pyrene	NA	NA	NA	0.00220 JB (0.00366)
	Naphthalene	NA	NA	NA	0.0893 JB (0.545)
	Phenanthrene	NA	NA	NA	ND (0.158)
	Pyrene	NA	NA	NA	ND (0.0525)
					[1]
					[1]
					[1]
					[1]

Compiled: 16 March 1995

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NA

= Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		5	
	12-MW-02		12-MW-02		12-MW-02		12-MW-02		22-GP-02	
	12-MW-02-03		12-MW-02-03		12-MW-02-03		12-MW-02-03		22-GP-02-01	
	12-MW-02-03		12-MW-02-03		12-MW-02-03		12-MW-02-03		22-GP-02-01	
Diesel Range Organics (ug/L)	13.0	JB	(	200)	[1]	11.0	JB	(	200)	[1]
Diesel Range Organics										
Gasoline Range Organics (ug/L)	27.0	JB	(	100)	[1]	25.0	JB	(	100)	[1]
Gasoline Range Organics										
SW8010 - Halogenated Volatile Organics (ug/L)										
1,1,1,2-Tetrachloroethane	0.00370	JB	(	0.0400)	[1]	ND	(	0.0400)	[1]	ND
1,1,1-Trichloroethane	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	0.214	B
1,1,2,2-Tetrachloroethane	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(
1,1,2-Trichloroethane	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(
1,1-Dichloroethane	ND	(	0.0480)	[1]	ND	(	0.0480)	[1]	ND	(
1,1-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(
1,2,3-Trichloropropane	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(
1,2-Dichlorobenzene	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(
1,2-Dichloroethane	ND	(	0.0540)	[1]	0.0359	KJ	(	0.0540)	[1]	ND
1,2-Dichloropropane	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]	ND	(
1,3-Dichlorobenzene	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(
1,4-Dichlorobenzene	ND	(	0.190)	[1]	ND	(	0.190)	[1]	0.0149	JB
1-Chlorohexane	ND	(	0.120)	[1]	ND	(	0.120)	[1]	ND	(
2-Chloroethyl vinyl ether	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(
Bromobenzene	ND	(	0.530)	[1]	0.0200	KJB	(	0.530)	[1]	ND
Bromodichloromethane	ND	(	0.0680)	[1]	ND	(	0.0680)	[1]	ND	(
Bromomethane	ND	(0.0560)	[1]	ND	(0.0560)	[1]	ND	(
Carbon tetrachloride	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(

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ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		5		5		5	
	12-MW-02	12-MW-02-03	12-MW-02	12-MW-02-DS-03 Dup of	12-MW-02-03	22-GP-01	22-GP-01-01	22-GP-02	22-GP-02-01	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)										
PCB-1221	ND	(0.192)	ND	(0.202)	[1]	NA				NA
PCB-1232	ND	(0.0566)	ND	(0.0596)	[1]	NA				NA
PCB-1242	ND	(0.0586)	ND	(0.0617)	[1]	NA				NA
PCB-1248	ND	(0.152)	ND	(0.160)	[1]	NA				NA
PCB-1254	ND	(0.0798)	ND	(0.0840)	[1]	NA				NA
PCB-1260	ND	(0.0455)	ND	(0.0479)	[1]	NA				NA
Toxaphene	ND	(0.0101)	ND	(0.0106)	[1]	NA				NA
alpha-BHC	ND	(0.00404)	ND	(0.00426)	[1]	NA				NA
beta-BHC	ND	(0.00646)	ND	(0.00681)	[1]	NA				NA
delta-BHC	ND	(0.00222)	ND	(0.00234)	[1]	NA				NA
gamma-BHC(Lindane)	ND	(0.00465)	ND	(0.00489)	[1]	NA				NA
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(0.584)	ND	(0.590)	[1]	ND	(0.619)	[1]	(0.600)	[1]
1,2-Dichlorobenzene	ND	(0.634)	ND	(0.640)	[1]	ND	(0.668)	[1]	(0.648)	[1]
1,3-Dichlorobenzene	ND	(0.713)	ND	(0.720)	[1]	ND	(0.755)	[1]	(0.732)	[1]
1,4-Dichlorobenzene	ND	(0.584)	ND	(0.590)	[1]	ND	(0.619)	[1]	(0.600)	[1]
2,4,5-Trichlorophenol	ND	(0.505)	ND	(0.510)	[1]	ND	(0.536)	[1]	(0.519)	[1]
2,4,6-Trichlorophenol	ND	(0.495)	ND	(0.500)	[1]	ND	(0.533)	[1]	(0.516)	[1]
2,4-Dichlorophenol	ND	(0.564)	ND	(0.570)	[1]	ND	(0.599)	[1]	(0.581)	[1]
2,4-Dimethylphenol	ND	(1.29)	ND	(1.30)	[1]	ND	(1.37)	[1]	(1.33)	[1]
2,4-Dinitrophenol	ND	(4.16)	ND	(4.20)	[1]	ND	(4.40)	[1]	(4.27)	[1]
2,4-Dinitrotoluene	ND	(0.584)	ND	(0.590)	[1]	ND	(0.622)	[1]	(0.603)	[1]
2,6-Dinitrotoluene	ND	(0.851)	ND	(0.860)	[1]	ND	(0.906)	[1]	(0.879)	[1]

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PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	005	12-MW-02	005	12-MW-02	005	12-MW-02	005	12-MW-02	005	12-MW-02
	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03	12-MW-02-03
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Chloronaphthalene	ND (0.386)	[1]	ND (0.390)	[1]	ND (0.413)	[1]	ND (0.400)	[1]	ND (0.400)	[1]
2-Chlorophenol	ND (0.634)	[1]	ND (0.640)	[1]	ND (0.668)	[1]	ND (0.648)	[1]	ND (0.648)	[1]
2-Methylnaphthalene	ND (0.356)	[1]	ND (0.360)	[1]	ND (0.383)	[1]	ND (0.371)	[1]	ND (0.371)	[1]
2-Methylphenol (o-cresol)	ND (0.307)	[1]	ND (0.310)	[1]	ND (0.326)	[1]	ND (0.316)	[1]	ND (0.316)	[1]
2-Nitroaniline	ND (0.653)	[1]	ND (0.660)	[1]	ND (0.698)	[1]	ND (0.677)	[1]	ND (0.677)	[1]
2-Nitrophenol	ND (0.515)	[1]	ND (0.520)	[1]	ND (0.549)	[1]	ND (0.533)	[1]	ND (0.533)	[1]
3,3'-Dichlorobenzidine	ND (0.327)	[1]	ND (0.330)	[1]	ND (0.351)	[1]	ND (0.340)	[1]	ND (0.340)	[1]
3-Nitroaniline	ND (0.386)	[1]	ND (0.390)	[1]	ND (0.414)	[1]	ND (0.401)	[1]	ND (0.401)	[1]
4,6-Dinitro-2-methylphenol	ND (0.426)	[1]	ND (0.430)	[1]	ND (0.453)	[1]	ND (0.439)	[1]	ND (0.439)	[1]
4-Bromophenyl phenyl ether	ND (0.485)	[1]	ND (0.490)	[1]	ND (0.509)	[1]	ND (0.494)	[1]	ND (0.494)	[1]
4-Chloro-3-methylphenol	ND (0.515)	[1]	ND (0.520)	[1]	ND (0.542)	[1]	ND (0.526)	[1]	ND (0.526)	[1]
4-Chloroaniline	ND (0.733)	[1]	ND (0.740)	[1]	ND (0.784)	[1]	ND (0.760)	[1]	ND (0.760)	[1]
4-Chlorophenyl phenyl ether	ND (0.416)	[1]	ND (0.420)	[1]	ND (0.443)	[1]	ND (0.430)	[1]	ND (0.430)	[1]
4-Methylphenol (p-cresol)	ND (0.455)	[1]	ND (0.460)	[1]	ND (0.483)	[1]	ND (0.468)	[1]	ND (0.468)	[1]
4-Nitroaniline	ND (0.604)	[1]	ND (0.610)	[1]	ND (0.638)	[1]	ND (0.618)	[1]	ND (0.618)	[1]
4-Nitrophenol	ND (0.931)	[1]	ND (0.940)	[1]	ND (0.986)	[1]	ND (0.956)	[1]	ND (0.956)	[1]
Acenaphthene	ND (0.267)	[1]	ND (0.270)	[1]	ND (0.286)	[1]	ND (0.278)	[1]	ND (0.278)	[1]
Acenaphthylene	ND (0.416)	[1]	ND (0.420)	[1]	ND (0.440)	[1]	ND (0.427)	[1]	ND (0.427)	[1]
Anthracene	ND (0.366)	[1]	ND (0.370)	[1]	ND (0.387)	[1]	ND (0.376)	[1]	ND (0.376)	[1]
Benzo(a)anthracene	ND (0.446)	[1]	ND (0.450)	[1]	ND (0.473)	[1]	ND (0.458)	[1]	ND (0.458)	[1]
Benzo(a)pyrene	ND (0.515)	[1]	ND (0.520)	[1]	ND (0.545)	[1]	ND (0.529)	[1]	ND (0.529)	[1]
Benzo(b)fluoranthene	ND (0.901)	[1]	ND (0.910)	[1]	ND (0.956)	[1]	ND (0.927)	[1]	ND (0.927)	[1]
Benzo(g,h,i)perylene	ND (0.990)	[1]	ND (1.00)	[1]	ND (1.07)	[1]	ND (1.04)	[1]	ND (1.04)	[1]
Benzo(k)fluoranthene	ND (0.990)	[1]	ND (1.00)	[1]	ND (1.05)	[1]	ND (1.02)	[1]	ND (1.02)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-111

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005					5				
	12-MW-02	12-MW-02-03	12-MW-02-DS-03 Dup of	12-MW-02-03	12-MW-02-03	22-GP-01	22-GP-01-01	22-GP-02	22-GP-02-01	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	

SW8270 - Semivolatile Organics, cont. (ug/L)										
Benzoic acid	ND	(38.6)	[1]	ND	(39.0)	[1]	418	(203)	[5]	ND (39.4)
Benzyl alcohol	ND	(0.604)	[1]	ND	(0.610)	[1]	ND	(0.642)	[1]	ND (0.622)
Butylbenzylphthalate	ND	(0.614)	[1]	ND	(0.620)	[1]	ND	(0.658)	[1]	ND (0.638)
Chrysene	ND	(0.535)	[1]	ND	(0.540)	[1]	ND	(0.565)	[1]	ND (0.548)
Di-n-butylphthalate	ND	(0.317)	[1]	ND	(0.320)	[1]	ND	(0.341)	[1]	ND (0.331)
Di-n-octylphthalate	ND	(0.347)	[1]	ND	(0.350)	[1]	ND	(0.371)	[1]	ND (0.359)
Dibenz(a,h)anthracene	ND	(0.802)	[1]	ND	(0.810)	[1]	ND	(0.854)	[1]	ND (0.828)
Dibenzofuran	ND	(0.535)	[1]	ND	(0.540)	[1]	0.687	(0.565)	[1]	ND (0.548)
Diethylphthalate	ND	(0.515)	[1]	ND	(0.520)	[1]	ND	(0.542)	[1]	ND (0.526)
Dimethylphthalate	ND	(0.337)	[1]	ND	(0.340)	[1]	ND	(0.354)	[1]	ND (0.343)
Diphenylamine/N-NitrosodPA	ND	(0.267)	[1]	ND	(0.270)	[1]	ND	(0.283)	[1]	ND (0.274)
Fluoranthene	ND	(0.465)	[1]	ND	(0.470)	[1]	ND	(0.496)	[1]	ND (0.481)
Fluorene	ND	(0.376)	[1]	ND	(0.380)	[1]	0.841	(0.400)	[1]	ND (0.388)
Hexachlorobenzene	ND	(0.307)	[1]	ND	(0.310)	[1]	ND	(0.331)	[1]	ND (0.320)
Hexachlorobutadiene	ND	(0.505)	[1]	ND	(0.510)	[1]	ND	(0.539)	[1]	ND (0.522)
Hexachlorocyclopentadiene	ND	(5.84)	[1]	ND	(5.90)	[1]	ND	(6.20)	[1]	ND (6.01)
Hexachloroethane	ND	(0.624)	[1]	ND	(0.630)	[1]	ND	(0.668)	[1]	ND (0.648)
Indeno(1,2,3-cd)pyrene	ND	(1.29)	[1]	ND	(1.30)	[1]	ND	(1.40)	[1]	ND (1.36)
Isophorone	ND	(0.614)	[1]	ND	(0.620)	[1]	ND	(0.648)	[1]	ND (0.629)
N-Nitroso-di-n-propylamine	ND	(0.644)	[1]	ND	(0.650)	[1]	ND	(0.688)	[1]	ND (0.667)
Naphthalene	ND	(0.475)	[1]	ND	(0.480)	[1]	9.18	(0.503)	[1]	ND (0.488)
Nitrobenzene	ND	(0.832)	[1]	ND	(0.840)	[1]	ND	(0.886)	[1]	ND (0.859)
PentachlorophenoI	ND	(0.881)	[1]	ND	(0.890)	[1]	1.91	(0.936)	[1]	ND (0.907)
Phenanthrene	ND	(0.465)	[1]	ND	(0.470)	[1]	0.818	(0.493)	[1]	ND (0.478)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
<hr/>										
SW8270 - Semivolatile Organics, cont. (ug/L)										
Phenol	ND	(0.871)	[1]	ND	(0.880)	[1]	132	(0.929)	[1]	ND (0.901) [1]
Pyrene	ND	(0.406)	[1]	ND	(0.410)	[1]	ND	(0.429)	[1]	ND (0.416) [1]
bis(2-Chloroethoxy)methane	ND	(0.604)	[1]	ND	(0.610)	[1]	ND	(0.638)	[1]	ND (0.618) [1]
bis(2-Chloroethyl) ether	ND	(0.376)	[1]	ND	(0.380)	[1]	ND	(0.403)	[1]	ND (0.391) [1]
bis(2-Chloroisopropyl) ether	ND	(0.792)	[1]	ND	(0.800)	[1]	ND	(0.840)	[1]	ND (0.814) [1]
bis(2-Ethylhexyl) phthalate	ND	(0.574)	[1]	ND	(0.580)	[1]	0.961 B	(0.612)	[1]	ND (0.593) [1]
<hr/>										
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)										
Acenaphthene	ND	(0.632)	[1]	ND	(0.600)	[1]	NA			NA
Acenaphthylene	ND	(0.863)	[1]	ND	(0.820)	[1]	NA			NA
Anthracene	ND	(0.147)	[1]	ND	(0.140)	[1]	NA			NA
Benzo(a)anthracene	ND	(0.00295)	[1]	ND	(0.00280)	[1]	NA			NA
Benzo(a)pyrene	ND	(0.00379)	[1]	0.00840 B	(0.00360)	[1]	NA			NA
Benzo(b)fluoranthene	ND	(0.0116)	[1]	ND	(0.0110)	[1]	NA			NA
Benzo(g,h,i)perylene	ND	(0.0295)	[1]	ND	(0.0280)	[1]	NA			NA
Benzo(k)fluoranthene	ND	(0.00168)	[1]	ND	(0.00160)	[1]	NA			NA
Chrysene	ND	(0.0516)	[1]	ND	(0.0490)	[1]	NA			NA
Dibenz(a,h)anthracene	ND	(0.00895)	[1]	0.00330 JB	(0.00850)	[1]	NA			NA
Fluoranthene	ND	(0.0526)	[1]	ND	(0.0500)	[1]	NA			NA
Fluorene	0.0281 JB	(0.0842)	[1]	ND	(0.0800)	[1]	NA			NA
Indeno(1,2,3-cd)pyrene	ND	(0.00389)	[1]	0.0191 B	(0.00370)	[1]	NA			NA
Naphthalene	ND	(0.579)	[1]	0.0230 JB	(0.550)	[1]	NA			NA
Phenanthrene	ND	(0.168)	[1]	ND	(0.160)	[1]	NA			NA
Pyrene	ND	(0.0558)	[1]	ND	(0.0530)	[1]	NA			NA

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not

Detected

NA =

Not

Applicable

R =

Invalid

Result,

Refer to

QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

	SITE ID	
	LOCATION ID	SAMPLE ID
PARAMETER	005	5
	12-MW-02	22-GP-02
	12-MW-02-03	22-GP-02-01
	12-MW-02-03 Dup of 12-MW-02-03	

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-114

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

5
22-GP-03
22-GP-03-01

PARAMETER

Diesel Range Organics (ug/L)
Diesel Range Organics 1.00 JB (200) [1]

Gasoline Range Organics (ug/L)
Gasoline Range Organics 40.0 JB (100) [1]

SW8010 - Halogenated Volatile Organics (ug/L)

1,1,1,2-Tetrachloroethane ND (0.0285) [1]
1,1,1-Trichloroethane 0.0551 JB (0.138) [1]
1,1,2,2-Tetrachloroethane ND (0.0427) [1]
1,1,2-Trichloroethane ND (0.0172) [1]
1,1-Dichloroethane ND (0.0729) [1]
1,1-Dichloroethene ND (0.0568) [1]
1,2,3-Trichloropropane ND (0.0367) [1]
1,2-Dichlorobenzene ND (0.0288) [1]
1,2-Dichloroethane ND (0.0286) [1]
1,2-Dichloropropane ND (0.0320) [1]
1,3-Dichlorobenzene ND (0.0902) [1]
1,4-Dichlorobenzene ND (0.0322) [1]
1-Chlorohexane ND (0.0957) [1]
2-Chloroethyl vinyl ether ND (0.0281) [1]
Bromobenzene ND (0.0693) [1]
Bromodichloromethane ND (0.0150) [1]
Bromomethane ND (0.161) [1]
Carbon tetrachloride ND (0.0444) [1]
Chlorobenzene ND (0.0301) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID

SW8010 - Halogenated Volatile Organics, cont. (ug/L)		
Chloroethane	ND (0.0499)	[1]
Chloroform	ND (0.0512)	[1]
Chloromethane	0.0191 JB (0.0213)	[1]
Dibromochloromethane	ND (0.0101)	[1]
Dibromomethane	ND (0.0939)	[1]
Methylene chloride	0.171 B (0.0430)	[1]
Tetrachloroethene	ND (0.0381)	[1]
Tribromomethane(Bromoform)	ND (0.252)	[1]
Trichloroethene	ND (0.0387)	[1]
Trichlorofluoromethane	ND (0.0603)	[1]
Vinyl chloride	ND (0.0761)	[1]
cis-1,3-Dichloropropene	ND (0.0220)	[1]
trans-1,2-Dichloroethene	ND (0.160)	[1]
trans-1,3-Dichloropropene	ND (0.0302)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)		
2-Butanone(MEK)	ND (2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]
Ethanol	ND (0.301)	[1]
Ethyl ether	ND (1.16)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)		
1,2-Dichlorobenzene	0.0149 KJB (0.0796)	[1]
1,3-Dichlorobenzene	0.0512 KJB (0.0756)	[1]
1,4-Dichlorobenzene	ND (0.0131)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
5		
22-GP-03		
22-GP-03-01		

SW8020 - Aromatic Volatile Organics, cont. (ug/L)		
Benzene	0.172 B (0.00980)	[1]
Chlorobenzene	0.0363 KJ (0.0452)	[1]
Ethylbenzene	0.0871 B (0.0199)	[1]
Toluene	0.586 B (0.0330)	[1]
Xylene (total)	0.350 B (0.0528)	[1]
SW8270 - Semivolatile Organics (ug/L)		
1,2,4-Trichlorobenzene	ND (0.600)	[1]
1,2-Dichlorobenzene	ND (0.648)	[1]
1,3-Dichlorobenzene	ND (0.732)	[1]
1,4-Dichlorobenzene	ND (0.600)	[1]
2,4,5-TrichlorophenoI	ND (0.519)	[1]
2,4,6-TrichlorophenoI	ND (0.516)	[1]
2,4-DichlorophenoI	ND (0.581)	[1]
2,4-DimethylphenoI	ND (1.33)	[1]
2,4-DinitrophenoI	ND (4.27)	[1]
2,4-Dinitrotoluene	ND (0.603)	[1]
2,6-Dinitrotoluene	ND (0.879)	[1]
2-Chloronaphthalene	ND (0.400)	[1]
2-ChlorophenoI	ND (0.648)	[1]
2-Methylnaphthalene	ND (0.371)	[1]
2-MethylphenoI (o-cresol)	ND (0.316)	[1]
2-Nitroaniline	ND (0.677)	[1]
2-NitrophenoI	ND (0.533)	[1]
3,3'-Dichlorobenzidine	ND (0.340)	[1]

Compiled: 16 March 1995

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TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

	5		
	22-GP-03		
	22-GP-03-01		
	SITE ID		
	LOCATION ID		
	SAMPLE ID		

PARAMETER	-----		
SW8270 - Semivolatile Organics, cont. (ug/L)			
3-Nitroaniline	ND	(0.401)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.439)	[1]
4-Bromophenyl phenyl ether	ND	(0.494)	[1]
4-Chloro-3-methylphenol	ND	(0.526)	[1]
4-Chloroaniline	ND	(0.760)	[1]
4-Chlorophenyl phenyl ether	ND	(0.430)	[1]
4-Methylphenol(p-cresol)	ND	(0.468)	[1]
4-Nitroaniline	ND	(0.618)	[1]
4-Nitrophenol	ND	(0.956)	[1]
Acenaphthene	ND	(0.278)	[1]
Acenaphthylene	ND	(0.427)	[1]
Anthracene	ND	(0.376)	[1]
Benzo(a)anthracene	ND	(0.458)	[1]
Benzo(a)pyrene	ND	(0.529)	[1]
Benzo(b)fluoranthene	ND	(0.927)	[1]
Benzo(g,h,i)perylene	ND	(1.04)	[1]
Benzo(k)fluoranthene	ND	(1.02)	[1]
Benzoic acid	ND	(39.4)	[1]
Benzyl alcohol	ND	(0.622)	[1]
Butylbenzylphthalate	ND	(0.638)	[1]
Chrysene	ND	(0.548)	[1]
Di-n-butylphthalate	ND	(0.331)	[1]
Di-n-octylphthalate	ND	(0.359)	[1]
Dibenz(a,h)anthracene	ND	(0.828)	[1]
Dibenzofuran	ND	(0.548)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)		
Diethylphthalate	ND	(0.526) [1]
Dimethylphthalate	ND	(0.343) [1]
Diphenylamine/N-NitrosoDPA	ND	(0.274) [1]
Fluoranthene	ND	(0.481) [1]
Fluorene	ND	(0.388) [1]
Hexachlorobenzene	ND	(0.320) [1]
Hexachlorobutadiene	ND	(0.522) [1]
Hexachlorocyclopentadiene	ND	(6.01) [1]
Hexachloroethane	ND	(0.648) [1]
Indeno(1,2,3-cd)pyrene	ND	(1.36) [1]
Isophorone	ND	(0.629) [1]
N-Nitroso-di-n-propylamine	ND	(0.667) [1]
Naphthalene	ND	(0.488) [1]
Nitrobenzene	ND	(0.859) [1]
Pentachlorophenol	ND	(0.907) [1]
Phenanthrene	ND	(0.478) [1]
Phenol	ND	(0.901) [1]
Pyrene	ND	(0.416) [1]
bis(2-Chloroethoxy)methane	ND	(0.618) [1]
bis(2-Chloroethyl) ether	ND	(0.391) [1]
bis(2-Chloroisopropyl) ether	ND	(0.814) [1]
bis(2-Ethylhexyl) phthalate	ND	(0.593) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		001	001	001
		01-MW-01	01-MW-02	01-MW-08
		01-MW-01-03	01-MW-02-03	01-MW-08-01
<hr/>				
E160.1 - Residue, Filterable (TDS) (mg/L)				
Total dissolved solids	679 (10.0) [1]	720 (10.0) [1]	746 (8.67) [1]	768 (8.67) [1]
E160.2 - Residue, Non-Filterable (mg/L)				
Total suspended solids	NA	NA	8.00 (7.90) [1]	5.00 J (7.90) [1]
E300 - Anions (mg/L)				
Chloride	NA	NA	1.48 (0.0400) [2]	3.46 (0.0200) [1]
Sulfate	NA	NA	63.7 (0.120) [2]	16.8 (0.0600) [1]
E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	NA	NA	0.177 (0.0100) [1]	ND (0.0100) [1]
SW6010 - Metals (mg/L)				
Aluminum	0.0249 JB (0.0280) [1]	0.0188 JB (0.0280) [1]	-0.00528 JB (0.0284) [1]	0.0189 JB (0.0284) [1]
Antimony	0.000310 JB (0.0240) [1]	0.00997 JB (0.0240) [1]	0.00428 JB (0.0241) [1]	-0.0213 JB (0.0241) [1]
Arsenic	0.0196 J (0.0230) [1]	-0.0251 J (0.0230) [1]	0.00739 J (0.0225) [1]	0.0128 J (0.0225) [1]
Barium	0.502 (0.000530) [1]	0.370 (0.000530) [1]	0.183 (0.000530) [1]	0.303 (0.000530) [1]
Beryllium	-0.000120 JB (0.000550) [1]	0.0000100 JB (0.000550) [1]	-0.000680 JB (0.000554) [1]	-0.000800 JB (0.000554) [1]
Cadmium	0.00214 B (0.00170) [1]	0.00181 B (0.00170) [1]	0.00389 (0.00172) [1]	0.00147 JB (0.00172) [1]
Calcium	180 (0.150) [1]	195 (0.150) [1]	184 (0.148) [1]	210 (0.148) [1]
Chromium	0.00466 (0.00250) [1]	0.000910 JB (0.00250) [1]	0.000600 JB (0.00249) [1]	0.00195 JB (0.00249) [1]
Cobalt	-0.00228 JB (0.00340) [1]	0.00460 B (0.00340) [1]	0.00205 JB (0.00340) [1]	0.0122 (0.00340) [1]
Copper	0.00154 JB (0.00380) [1]	0.00128 JB (0.00380) [1]	0.00280 JB (0.00381) [1]	0.00139 JB (0.00381) [1]
Iron	38.7 (0.00600) [1]	13.3 (0.00600) [1]	0.0605 B (0.00596) [1]	6.58 (0.00596) [1]
Lead	0.0414 (0.0270) [1]	-0.00203 J (0.0270) [1]	0.0412 (0.0270) [1]	0.0238 J (0.0270) [1]

Compiled: 16 March 1995

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ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	001	001	001	001	001	001	001	001	001	001
	01-MW-01	01-MW-02	01-MW-03	01-MW-07	01-MW-08	01-MW-08-01	01-MW-07-01	01-MW-08-01	01-MW-08-01	01-MW-08-01
SW6010 - Metals, cont. (mg/L)										
Magnesium	35.1 (0.0230)	[1]	44.5 (0.0230)	[1]	52.2 (0.0228)	[1]	44.2 (0.0228)	[1]	44.2 (0.0228)	[1]
Manganese	10.5 (0.000390)	[1]	4.73 (0.000390)	[1]	2.32 (0.000395)	[1]	15.1 (0.000395)	[1]	15.1 (0.000395)	[1]
Molybdenum	-0.00194 JB (0.00460)	[1]	-0.00356 JB (0.00460)	[1]	0.000710 JB (0.00463)	[1]	0.00415 JB (0.00463)	[1]	0.00415 JB (0.00463)	[1]
Nickel	0.00575 JB (0.00990)	[1]	0.0253 (0.00990)	[1]	0.0184 (0.00986)	[1]	0.0326 (0.00986)	[1]	0.0326 (0.00986)	[1]
Potassium	4.71 (0.370)	[1]	4.24 (0.370)	[1]	5.43 (0.370)	[1]	4.60 (0.370)	[1]	4.60 (0.370)	[1]
Selenium	0.0190 J (0.0420)	[1]	-0.0142 J (0.0420)	[1]	-0.00153 J (0.0417)	[1]	0.0182 J (0.0417)	[1]	0.0182 J (0.0417)	[1]
Silver	-0.000310 JB (0.00490)	[1]	-0.00118 JB (0.00490)	[1]	0.0000200 JB (0.00492)	[1]	0.00243 JB (0.00492)	[1]	0.00243 JB (0.00492)	[1]
Sodium	6.16 (0.0400)	[1]	7.80 (0.0400)	[1]	11.7 (0.0397)	[1]	8.56 (0.0397)	[1]	8.56 (0.0397)	[1]
Thallium	-0.0279 JB (0.0170)	[1]	-0.0163 JB (0.0170)	[1]	0.0228 B (0.0172)	[1]	0.0148 JB (0.0172)	[1]	0.0148 JB (0.0172)	[1]
Vanadium	-0.000120 JB (0.00240)	[1]	-0.00300 JB (0.00240)	[1]	0.00242 B (0.00236)	[1]	0.00218 JB (0.00236)	[1]	0.00218 JB (0.00236)	[1]
Zinc	0.00937 (0.00150)	[1]	0.0115 (0.00150)	[1]	0.00971 (0.00153)	[1]	0.0164 (0.00153)	[1]	0.0164 (0.00153)	[1]
SW7060 - Arsenic (mg/L)										
Arsenic	0.0104 (0.000650)	[1]	-0.000200 JB (0.000650)	[1]	-0.00330 JB (0.000657)	[1]	0.00100 (0.000657)	[1]	0.00100 (0.000657)	[1]
SW7421 - Lead (mg/L)										
Lead	0.00110 B (0.00110)	[1]	0.00180 B (0.00110)	[1]	0.0148 S (0.000800)	[1]	0.00480 SB (0.000800)	[1]	0.00480 SB (0.000800)	[1]
SW7470 - Mercury (mg/L)										
Mercury	0.000200 (0.0000480)	[1]	0.000220 (0.0000480)	[1]	0.000160 B (0.0000480)	[1]	-0.0000300 B (0.0000480)	[1]	-0.0000300 B (0.0000480)	[1]
SW7740 - Selenium (mg/L)										
Selenium	0.00350 S (0.00288)	[2]	0.00738 S (0.00144)	[1]	-0.00529 JB (0.000843)	[1]	-0.00626 JB (0.000843)	[1]	-0.00626 JB (0.000843)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	008	008	04	04
	02-GW-01	02-GW-03	04-MW-02	04-MW-03
	02-GW-01-03	02-GW-03-03	04-MW-02-03	04-MW-03-03

E160.1 - Residue, Filterable (TDS) (mg/L)				
Total dissolved solids	278 (10.0) [1]	283 (10.0) [1]	NA	NA
E300 - Anions (mg/L)				
Chloride	1.05 (0.0200) [1]	1.13 (0.0200) [1]	NA	NA
Sulfate	0.00 JB (0.0600) [1]	0.00 JB (0.0600) [1]	NA	NA
E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	ND (0.0100) [1]	ND (0.0100) [1]	NA	NA
SW6010 - Metals (mg/L)				
Aluminum	NA	NA	-0.000420 JB (0.0280) [1]	0.0242 JB (0.0280) [1]
Antimony	NA	NA	0.0201 JB (0.0240) [1]	0.00318 JB (0.0240) [1]
Arsenic	NA	NA	-0.000470 J (0.0230) [1]	-0.00333 J (0.0230) [1]
Barium	NA	NA	0.212 (0.000530) [1]	0.360 (0.000530) [1]
Beryllium	NA	NA	0.000140 JB (0.000550) [1]	-0.000120 JB (0.000550) [1]
Cadmium	NA	NA	-0.000320 JB (0.00170) [1]	0.000440 JB (0.00170) [1]
Calcium	NA	NA	204 (0.150) [1]	189 (0.150) [1]
Chromium	NA	NA	0.00298 B (0.00250) [1]	0.00185 JB (0.00250) [1]
Cobalt	NA	NA	-0.00351 JB (0.00340) [1]	0.0185 (0.00340) [1]
Copper	NA	NA	0.00290 JB (0.00380) [1]	0.00250 JB (0.00380) [1]
Iron	NA	NA	-0.00335 JB (0.00600) [1]	1.85 (0.00600) [1]
Lead	NA	NA	-0.00933 J (0.0270) [1]	-0.00927 J (0.0270) [1]
Magnesium	NA	NA	29.1 (0.0230) [1]	45.0 (0.0230) [1]
Manganese	NA	NA	0.0767 (0.000390) [1]	10.8 (0.000390) [1]
Molybdenum	NA	NA	-0.00207 JB (0.00460) [1]	0.000100 JB (0.00460) [1]

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

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NA = Not Applicable

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	008	008	04	04	04	04
	02-GW-01	02-GW-03	04-MW-02	04-MW-03	04-MW-03	04-MW-03
	02-GW-01-03	02-GW-03-03	04-MW-02-03	04-MW-03-03	04-MW-03-03	04-MW-03-03

SW6010 - Metals, cont. (mg/L)						
Nickel	NA	NA	-0.00391 JB (0.00990)	[1]	0.0234 (0.00990)	[1]
Potassium	NA	NA	4.60 (0.370)	[1]	5.08 (0.370)	[1]
Selenium	NA	NA	-0.00209 J (0.0420)	[1]	-0.00502 J (0.0420)	[1]
Silver	NA	NA	-0.00246 JB (0.00490)	[1]	0.000100 JB (0.00490)	[1]
Sodium	NA	NA	6.50 (0.0400)	[1]	6.70 (0.0400)	[1]
Thallium	NA	NA	-0.0330 JB (0.0170)	[1]	0.0000800 JB (0.0170)	[1]
Vanadium	NA	NA	-0.00425 JB (0.00240)	[1]	-0.0000700 JB (0.00240)	[1]
Zinc	NA	NA	0.0193 (0.00150)	[1]	0.0120 (0.00150)	[1]

SW7060 - Arsenic (mg/L)						
Arsenic	NA	NA	-0.000700 JB (0.000650)	[1]	0.00200 (0.000650)	[1]

SW7421 - Lead (mg/L)						
Lead	NA	NA	-0.00320 JB (0.00110)	[1]	-0.00130 JB (0.00110)	[1]

SW7470 - Mercury (mg/L)						
Mercury	NA	NA	0.00 JB (0.0000480)	[1]	0.0000300 JB (0.0000480)	[1]

SW7740 - Selenium (mg/L)						
Selenium	NA	NA	0.00184 SJ (0.00288)	[2]	0.00210 SJ (0.00288)	[2]

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS) (mg/L)		005	005	005
		05-MW-01	05-MW-02	05-MW-03
		05-MW-01-03	05-MW-02-03	05-MW-03-03
			05-MW-02-03 Dup of 05-MW-02-03	
Total dissolved solids	NA	362 (10.0) [1]	368 (10.0) [1]	NA
E300 - Anions (mg/L)				
Chloride	NA	1.40 (0.0200) [1]	1.44 (0.0200) [1]	NA
Sulfate	NA	3.12 (0.0600) [1]	3.13 (0.0600) [1]	NA
E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	NA	ND (0.0100) [1]	ND (0.0100) [1]	NA
SW6010 - Metals (mg/L)				
Aluminum	0.0268 JB (0.0284) [1]	-0.00102 JB (0.0284) [1]	NA	0.0210 JB (0.0284) [1]
Antimony	-0.00790 JB (0.0241) [1]	-0.0157 JB (0.0241) [1]	NA	-0.0374 JB (0.0241) [1]
Arsenic	-0.00563 J (0.0225) [1]	-0.0162 J (0.0225) [1]	NA	-0.0221 J (0.0225) [1]
Barium	0.548 (0.000530) [1]	0.368 (0.000530) [1]	NA	0.597 (0.000530) [1]
Beryllium	0.000270 JB (0.000554) [1]	0.000130 JB (0.000554) [1]	NA	0.000190 JB (0.000554) [1]
Cadmium	0.00206 B (0.00172) [1]	-0.00126 JB (0.00172) [1]	NA	0.000520 JB (0.00172) [1]
Calcium	190 (0.148) [1]	110 (0.148) [1]	NA	174 (0.148) [1]
Chromium	0.000890 JB (0.00249) [1]	-0.00149 JB (0.00249) [1]	NA	-0.000270 JB (0.00249) [1]
Cobalt	0.00202 JB (0.00340) [1]	0.00219 JB (0.00340) [1]	NA	0.00751 (0.00340) [1]
Copper	0.000380 JB (0.00381) [1]	-0.000610 JB (0.00381) [1]	NA	-0.000300 JB (0.00381) [1]
Iron	30.8 (0.00596) [1]	22.6 (0.00596) [1]	NA	57.2 (0.00596) [1]
Lead	0.00117 J (0.0270) [1]	0.00121 J (0.0270) [1]	NA	0.0136 J (0.0270) [1]
Magnesium	40.0 (0.0228) [1]	20.4 (0.0228) [1]	NA	30.3 (0.0228) [1]
Manganese	16.2 (0.000395) [1]	2.07 (0.000395) [1]	NA	11.2 (0.000395) [1]

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW6010 - Metals, cont. (mg/L)			005	005
			05-MW-01	05-MW-02
			05-MW-01-03	05-MW-02-03
				05-MW-02-03 Dup of
				05-MW-03-03
Molybdenum	-0.000860 JB (0.00463)	[1]	-0.00342 JB (0.00463)	[1] NA
Nickel	-0.000750 JB (0.00986)	[1]	0.000490 JB (0.00986)	[1] NA
Potassium	3.26 (0.00287)	[1]	1.77 (0.00287)	[1] NA
Selenium	0.00627 J (0.0417)	[1]	0.00498 J (0.0417)	[1] NA
Silver	0.00109 JB (0.00492)	[1]	-0.00163 JB (0.00492)	[1] NA
Sodium	6.20 (0.0397)	[1]	3.89 (0.0397)	[1] NA
Thallium	0.0136 JB (0.0172)	[1]	0.00696 JB (0.0172)	[1] NA
Vanadium	0.000430 JB (0.00236)	[1]	-0.000470 JB (0.00236)	[1] NA
Zinc	0.00727 B (0.00153)	[1]	0.00875 (0.00153)	[1] NA
SW7060 - Arsenic (mg/L)				
	0.0255 (0.000657)	[1]	0.0108 (0.000657)	[1] NA
SW7421 - Lead (mg/L)				
	0.00160 B (0.00110)	[1]	0.00120 B (0.00110)	[1] NA
SW7470 - Mercury (mg/L)				
	-0.0000300 JB (0.0000480)	[1]	-0.0000600 JB (0.0000480)	[1] NA
SW7740 - Selenium (mg/L)				
	-0.00100 JB (0.00144)	[1]	-0.00250 JB (0.00144)	[1] NA

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
E160.1 - Residue, Filterable (TDS) (mg/L)	005	005	005	005
	05-MW-03	05-MW-04	05-MW-05	05-MW-06
	05-MW-03-DS-03 Dup of	05-MW-04-03	05-MW-05-03	05-MW-06-03
	05-MW-03-03			
Total dissolved solids	NA	NA	NA	489 (10.0) [1]
E300 - Anions (mg/L)	NA	NA	NA	
Chloride	NA	NA	NA	2.28 (0.0200) [1]
Sulfate	NA	NA	NA	19.1 (0.0600) [1]
E353.1 - Nitrate-Nitrite (mg/L)	NA	NA	NA	ND (0.0100) [1]
Nitrate-Nitrite as N	NA	NA	NA	
SW6010 - Metals (mg/L)	0.0131 JB (0.0284) [1]	0.0253 JB (0.0284) [1]	0.0133 JB (0.0284) [1]	0.0113 JB (0.0284) [1]
	-0.0225 JB (0.0241) [1]	-0.00194 JB (0.0241) [1]	-0.0236 JB (0.0241) [1]	-0.00467 JB (0.0241) [1]
	-0.0149 J (0.0225) [1]	-0.0109 J (0.0225) [1]	-0.0236 J (0.0225) [1]	-0.00378 J (0.0225) [1]
	0.594 (0.000530) [1]	0.942 (0.000530) [1]	0.888 (0.000530) [1]	0.328 (0.000530) [1]
	0.0000500 JB (0.000554) [1]	-0.0000100 JB (0.000554) [1]	-0.0000900 JB (0.000554) [1]	0.000200 JB (0.000554) [1]
	0.000240 JB (0.00172) [1]	0.00201 B (0.00172) [1]	0.00179 B (0.00172) [1]	0.000600 JB (0.00172) [1]
	172 (0.148) [1]	194 (0.148) [1]	168 (0.148) [1]	133 (0.148) [1]
	0.000390 JB (0.00249) [1]	0.00147 JB (0.00249) [1]	-0.000150 JB (0.00249) [1]	-0.00104 JB (0.00249) [1]
	0.00739 (0.00340) [1]	0.00471 B (0.00340) [1]	0.00188 JB (0.00340) [1]	0.00258 JB (0.00340) [1]
	-0.000300 JB (0.00381) [1]	0.000970 JB (0.00381) [1]	-0.000510 JB (0.00381) [1]	-0.000210 JB (0.00381) [1]
	55.5 (0.00596) [1]	74.2 (0.00596) [1]	84.7 (0.00596) [1]	27.4 (0.00596) [1]
	-0.00304 J (0.0270) [1]	0.0137 J (0.0270) [1]	0.0166 J (0.0270) [1]	-0.00430 J (0.0270) [1]
	30.0 (0.0228) [1]	44.2 (0.0228) [1]	33.9 (0.0228) [1]	27.3 (0.0228) [1]
	11.0 (0.000395) [1]	8.02 (0.000395) [1]	14.5 (0.000395) [1]	2.81 (0.000395) [1]

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
SW6010 - Metals, cont. (mg/L)	005		005		005		005		005	
	05-MW-03		05-MW-04		05-MW-05		05-MW-06		05-MW-06-03	
	05-MW-03-DS-03 Dup of		05-MW-04-03		05-MW-05-03					
	05-MW-03-03									
	Molybdenum	0.00139 JB (0.00463)	[1]	0.00159 JB (0.00463)	[1]	0.00110 JB (0.00463)	[1]	-0.00136 JB (0.00463)	[1]	
	Nickel	0.00350 JB (0.00986)	[1]	-0.00175 JB (0.00986)	[1]	0.00225 JB (0.00986)	[1]	0.0127 (0.00986)	[1]	
	Potassium	5.49 (0.00287)	[1]	2.84 (0.00287)	[1]	3.24 (0.00287)	[1]	2.32 (0.00287)	[1]	
	Selenium	0.0194 J (0.0417)	[1]	0.0330 J (0.0417)	[1]	0.00590 J (0.0417)	[1]	0.0135 J (0.0417)	[1]	
	Silver	-0.000120 JB (0.00492)	[1]	0.00142 JB (0.00492)	[1]	-0.00228 JB (0.00492)	[1]	-0.00151 JB (0.00492)	[1]	
	Sodium	4.37 (0.0397)	[1]	5.24 (0.0397)	[1]	5.80 (0.0397)	[1]	5.33 (0.0397)	[1]	
	Thallium	0.00862 JB (0.0172)	[1]	0.00748 JB (0.0172)	[1]	0.0189 B (0.0172)	[1]	0.0191 B (0.0172)	[1]	
	Vanadium	0.00246 B (0.00236)	[1]	0.00341 B (0.00236)	[1]	0.00461 (0.00236)	[1]	-0.000600 JB (0.00236)	[1]	
	Zinc	0.00846 (0.00153)	[1]	0.00708 B (0.00153)	[1]	0.00826 (0.00153)	[1]	0.0187 (0.00153)	[1]	
SW7060 - Arsenic (mg/L)										
	Arsenic	0.0106 (0.000657)	[1]	0.0294 (0.000657)	[1]	0.0335 (0.000657)	[1]	0.0137 (0.000657)	[1]	
SW7421 - Lead (mg/L)										
	Lead	0.00250 B (0.00110)	[1]	0.00250 B (0.00110)	[1]	0.0135 (0.00110)	[1]	0.00160 B (0.00110)	[1]	
SW7470 - Mercury (mg/L)										
	Mercury	-0.000100 JB (0.0000480)	[1]	-0.0000900 JB (0.0000480)	[1]	-0.000120 JB (0.0000480)	[1]	-0.0000700 JB (0.0000480)	[1]	
SW7740 - Selenium (mg/L)										
	Selenium	-0.00250 JB (0.00144)	[1]	-0.00150 JB (0.00144)	[1]	-0.00270 JB (0.00144)	[1]	-0.00300 JB (0.00144)	[1]	

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	005				005				005				005			
	LOCATION ID				LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID				SAMPLE ID			
	05-MW-13				05-MW-14				05-MW-14-DS-01 Dup of				05-MW-15			
	05-MW-13-01				05-MW-14-01				05-MW-14-01				05-MW-15-01			

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		005		005		005	
	05-MW-13		05-MW-14-01		05-MW-14		05-MW-14-DS-01 Dup of		05-MW-15-01	
	05-MW-13-01		05-MW-14-01		05-MW-14		05-MW-14-01		05-MW-15-01	
SW6010 - Metals, cont. (mg/L)										
Lead	-0.0238	J (0.0270)	[1]	-0.000810	J (0.0270)	[1]	0.00292	J (0.0270)	[1]	0.193 (0.0270)
Magnesium	44.7	(0.0228)	[1]	32.6	(0.0228)	[1]	31.9	(0.0228)	[1]	31.5 (0.0228)
Manganese	0.866	(0.000395)	[1]	0.380	(0.000395)	[1]	0.391	(0.000395)	[1]	3.14 (0.000395)
Molybdenum	0.000880	JB (0.00463)	[1]	-0.00244	JB (0.00463)	[1]	-0.00304	JB (0.00463)	[1]	-0.00168 JB (0.00463)
Nickel	0.0214	(0.00986)	[1]	0.0136	(0.00986)	[1]	0.00911	J (0.00986)	[1]	0.00290 JB (0.00986)
Potassium	4.64	(0.370)	[1]	4.35	(0.370)	[1]	4.02	(0.370)	[1]	3.38 (0.370)
Selenium	0.0180	J (0.0417)	[1]	-0.0230	J (0.0417)	[1]	-0.00225	J (0.0417)	[1]	-0.00296 J (0.0417)
Silver	0.000610	JB (0.00492)	[1]	-0.000830	JB (0.00492)	[1]	-0.00356	JB (0.00492)	[1]	-0.00162 JB (0.00492)
Sodium	13.0	(0.0397)	[1]	9.44	(0.0397)	[1]	9.11	(0.0397)	[1]	8.40 (0.0397)
Thallium	0.00717	JB (0.0172)	[1]	-0.000220	JB (0.0172)	[1]	0.00933	JB (0.0172)	[1]	-0.00630 JB (0.0172)
Vanadium	0.00140	JB (0.00236)	[1]	0.000210	JB (0.00236)	[1]	-0.000770	JB (0.00236)	[1]	-0.00185 JB (0.00236)
Zinc	0.00594	B (0.00153)	[1]	0.00232	B (0.00153)	[1]	0.00289	B (0.00153)	[1]	0.00727 B (0.00153)
SW7060 - Arsenic (mg/L)										
Arsenic	0.000800	(0.000657)	[1]	-0.00266	JB (0.000984)	[1]	-0.0940	JB (0.0492)	[1]	-0.00290 JB (0.000657)
SW7421 - Lead (mg/L)										
Lead	0.0100	(0.000800)	[1]	0.000700	JB (0.000800)	[1]	0.00260	B (0.000800)	[1]	0.00720 S (0.000800)
SW7470 - Mercury (mg/L)										
Mercury	-0.0000200	JB (0.0000480)	[1]	-0.0000100	JB (0.0000480)	[1]	-0.0000300	JB (0.0000480)	[1]	0.0000200 JB (0.0000480)
SW7740 - Selenium (mg/L)										
Selenium	-0.00444	JB (0.000843)	[1]	-0.00583	JB (0.000843)	[1]	-0.00571	JB (0.000843)	[1]	-0.00455 JB (0.000843)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	005	005
	05-MW-13	05-MW-14
	05-MW-13-01	05-MW-14-01
		05-MW-14-DS-01 Dup of
		05-MW-14-01
		005
		05-MW-15
		05-MW-15-01

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS)	008	008	008	008
	06-MW-01	06-MW-02	06-MW-03	06-MW-04
	06-MW-01-03	06-MW-02-03	06-MW-03-03	06-MW-04-03
Total dissolved solids	823	(10.0)	[1]	NA
E300 - Anions (mg/L)				710 (10.0) [1]
Chloride	26.6	(0.100)	[5]	NA
Sulfate	8.85	(0.0600)	[1]	NA
E353.1 - Nitrate-Nitrite (mg/L)				65.2 (0.200) [10]
Nitrate-Nitrite as N	ND	(0.0100)	[1]	0.00 JB (0.0600) [1]
SW6010 - Metals (mg/L)				ND (0.0100) [1]
Aluminum	0.0116 JB	(0.0280)	[1]	0.0195 JB (0.0280) [1]
Antimony	-0.00629 JB	(0.0240)	[1]	-0.0167 JB (0.0240) [1]
Arsenic	-0.00747 J	(0.0230)	[1]	0.0220 J (0.0230) [1]
Barium	0.808	(0.000530)	[1]	0.877 (0.000530) [1]
Beryllium	0.000140 JB	(0.000550)	[1]	-0.000360 JB (0.000550) [1]
Cadmium	0.00177 B	(0.00170)	[1]	0.000140 JB (0.00170) [1]
Calcium	205	(0.150)	[1]	149 (0.150) [1]
Chromium	0.00254 B	(0.00250)	[1]	-0.000320 JB (0.00250) [1]
Cobalt	0.00217 JB	(0.00340)	[1]	-0.00107 JB (0.00340) [1]
Copper	0.00100 JB	(0.00380)	[1]	0.00280 JB (0.00380) [1]
Iron	30.5	(0.00600)	[1]	64.6 (0.00600) [1]
Lead	0.0324	(0.0270)	[1]	0.00655 J (0.0270) [1]
Magnesium	41.7	(0.0230)	[1]	25.2 (0.0230) [1]
Manganese	2.80	(0.000390)	[1]	8.78 (0.000390) [1]
Molybdenum	0.000200 JB	(0.00460)	[1]	0.00210 JB (0.00460) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
PARAMETER	008				008				008			
	06-MW-01				06-MW-02				06-MW-03			
	06-MW-01-03				06-MW-02-03				06-MW-03-03			
SW6010 - Metals, cont. (mg/L)												
Nickel	-0.00322 JB (0.00990)	[1]	-0.000230 JB (0.00990)	[1]	0.00367 JB (0.00990)	[1]	-0.0126 JB (0.00990)	[1]				[1]
Potassium	5.33 (0.370)	[1]	5.27 (0.370)	[1]	3.60 (0.370)	[1]	4.48 (0.370)	[1]				[1]
Selenium	-0.0220 J (0.0420)	[1]	0.00502 J (0.0420)	[1]	0.0280 J (0.0420)	[1]	0.00983 J (0.0420)	[1]				[1]
Silver	-0.00235 JB (0.00490)	[1]	-0.000470 JB (0.00490)	[1]	-0.00154 JB (0.00490)	[1]	-0.00180 JB (0.00490)	[1]				[1]
Sodium	36.8 (0.0400)	[1]	33.4 (0.0400)	[1]	15.8 (0.0400)	[1]	47.3 (0.0400)	[1]				[1]
Thallium	-0.00262 JB (0.0170)	[1]	-0.0185 JB (0.0170)	[1]	-0.0174 JB (0.0170)	[1]	-0.0173 JB (0.0170)	[1]				[1]
Vanadium	-0.00413 JB (0.00240)	[1]	-0.00288 JB (0.00240)	[1]	-0.00341 JB (0.00240)	[1]	-0.00300 JB (0.00240)	[1]				[1]
Zinc	0.00604 B (0.00150)	[1]	0.00775 B (0.00150)	[1]	0.0182 (0.00150)	[1]	0.0111 (0.00150)	[1]				[1]
SW7060 - Arsenic (mg/L)												
Arsenic	0.0101 (0.000657)	[1]	0.00800 (0.000657)	[1]	0.00210 (0.000650)	[1]	0.0284 (0.000657)	[1]				[1]
SW7421 - Lead (mg/L)												
Lead	0.00950 (0.00110)	[1]	0.00860 (0.00110)	[1]	-0.00160 JB (0.00110)	[1]	-0.000800 JB (0.00110)	[1]				[1]
SW7470 - Mercury (mg/L)												
Mercury	0.000140 B (0.0000480)	[1]	0.000200 (0.0000480)	[1]	-0.0000700 JB (0.0000480)	[1]	0.000220 (0.0000480)	[1]				[1]
SW7740 - Selenium (mg/L)												
Selenium	-0.00240 JB (0.00144)	[1]	-0.00270 JB (0.00144)	[1]	-0.00380 JB (0.00144)	[1]	-0.00240 JB (0.00144)	[1]				[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																									
	LOCATION ID					SAMPLE ID																				
<hr/>																										
E160.1 - Residue, Filterable (TDS) (mg/L)																										
Total dissolved solids	909	(	8.67	)	[1]	904	(	8.67	)	[1]	630	(	8.67	)	[1]	882	(	10.0	)	[1]				
E160.2 - Residue, Non-Filterable (mg/L)																										
Total suspended solids	< DL	(	7.90	)	[1]	5.30	J	(	7.90	)	[1]	NA						NA						
E300 - Anions (mg/L)																										
Chloride	16.3	(	0.100	)	[5]	17.2	(	0.100	)	[5]	NA						NA							
Sulfate	59.9	(	0.300	)	[5]	60.0	(	0.300	)	[5]	NA						NA							
E353.1 - Nitrate-Nitrite (mg/L)																										
Nitrate-Nitrite as N	ND	(	0.0100	)	[1]	ND	(	0.0100	)	[1]	NA						NA							
SW6010 - Metals (mg/L)																										
Aluminum	-0.00482	JB	(	0.0284	)	[1]	-0.00404	JB	(	0.0284	)	[1]	0.0148	JB	(	0.0284	)	[1]	0.0204	JB	(	0.0280	)	[1]
Antimony	-0.0111	JB	(	0.0241	)	[1]	0.000330	JB	(	0.0241	)	[1]	0.0181	JB	(	0.0241	)	[1]	-0.00491	JB	(	0.0240	)	[1]
Arsenic	0.00232	J	(	0.0225	)	[1]	-0.0132	J	(	0.0225	)	[1]	0.00150	J	(	0.0225	)	[1]	0.0113	J	(	0.0230	)	[1]
Barium	0.355	(	0.000530	)	[1]	0.343	(	0.000530	)	[1]	0.561	(	0.000530	)	[1]	0.908	(	0.000530	)	0.908	(	0.000530	)	[1]
Beryllium	-0.000370	JB	(	0.000554	)	[1]	-0.000300	JB	(	0.000554	)	[1]	0.00	JB	(	0.000554	)	[1]	-0.0000100	JB	(	0.000550	)	[1]
Cadmium	0.00286	B	(	0.00172	)	[1]	0.00181	B	(	0.00172	)	[1]	0.00103	JB	(	0.00172	)	[1]	0.00135	JB	(	0.00170	)	[1]
Calcium	233	(	0.148	)	[1]	228	(	0.148	)	[1]	96.4	(	0.148	)	[1]	105	(	0.150	)	105	(	0.150	)	[1]
Chromium	-0.00197	JB	(	0.00249	)	[1]	0.000500	JB	(	0.00249	)	[1]	0.00276	B	(	0.00249	)	[1]	0.00361	B	(	0.00250	)	[1]
Cobalt	0.00766	(0.00340)	[1]	0.00985	(0.00340)	[1]	0.00838	(0.00340)	[1]	-0.000550	JB	(0.00340)	-0.000550	JB	(0.00340)	[1]
Copper	0.00131	JB	(	0.00381	)	[1]	0.00	JB	(	0.00381	)	[1]	0.0152	B	(	0.00381	)	[1]	0.00237	JB	(	0.00380	)	[1]
Iron	0.352	(	0.00596	)	[1]	0.217	(	0.00596	)	[1]	8.54	(	0.00596	)	[1]	12.6	(	0.00600	)	12.6	(	0.00600	)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID											
LOCATION ID											
SAMPLE ID											
008											
008											
06-MW-07											
06-MW-07-01											
06-MW-07-DS-01 Dup of											
06-MW-07-01											
07-MW-01											
07-MW-01-03											
07-MW-02											
07-MW-02-03											
PARAMETER											

SW6010 - Metals, cont. (mg/L)											
Lead	-0.0122 J (0.0270)	[1]	-0.00530 J (0.0270)	[1]	0.00910 J (0.0270)	[1]	0.0142 J (0.0270)	[1]			
Magnesium	62.6 (0.0228)	[1]	61.5 (0.0228)	[1]	65.6 (0.0228)	[1]	99.6 (0.0230)	[1]			
Manganese	1.75 (0.000395)	[1]	1.95 (0.000395)	[1]	0.783 (0.000395)	[1]	0.155 (0.000390)	[1]			
Molybdenum	0.00126 JB (0.00463)	[1]	-0.000760 JB (0.00463)	[1]	-0.00223 JB (0.00463)	[1]	-0.00110 JB (0.00460)	[1]			
Nickel	0.0164 (0.00986)	[1]	0.0229 (0.00986)	[1]	0.00627 JB (0.00986)	[1]	-0.0106 JB (0.00990)	[1]			
Potassium	5.84 (0.370)	[1]	5.94 (0.370)	[1]	4.11 (0.00287)	[1]	5.12 (0.370)	[1]			
Selenium	0.00893 J (0.0417)	[1]	-0.00625 J (0.0417)	[1]	-0.0178 J (0.0417)	[1]	-0.0188 J (0.0420)	[1]			
Silver	-0.00204 JB (0.00492)	[1]	0.000240 JB (0.00492)	[1]	-0.00139 JB (0.00492)	[1]	-0.000550 JB (0.00490)	[1]			
Sodium	14.0 (0.0397)	[1]	13.8 (0.0397)	[1]	25.2 (0.0397)	[1]	61.0 (0.0400)	[1]			
Thallium	-0.0138 JB (0.0172)	[1]	0.00105 JB (0.0172)	[1]	0.00920 JB (0.0172)	[1]	0.0112 JB (0.0170)	[1]			
Vanadium	0.000880 JB (0.00236)	[1]	0.00215 JB (0.00236)	[1]	0.000570 JB (0.00236)	[1]	0.00247 B (0.00240)	[1]			
Zinc	0.00739 B (0.00153)	[1]	0.00596 B (0.00153)	[1]	0.00506 B (0.00153)	[1]	0.00385 B (0.00150)	[1]			
SW7060 - Arsenic (mg/L)											
Arsenic	0.0132 (0.000657)	[1]	0.000700 (0.000657)	[1]	0.0110 (0.000657)	[1]	0.00780 (0.000650)	[1]			
SW7421 - Lead (mg/L)											
Lead	0.00300 B (0.000800)	[1]	0.00200 B (0.000800)	[1]	0.00140 B (0.000800)	[1]	0.0108 (0.00110)	[1]			
SW7470 - Mercury (mg/L)											
Mercury	0.0000500 B (0.0000480)	[1]	-0.0000500 JB (0.0000480)	[1]	-0.000120 JB (0.0000480)	[1]	-0.0000600 JB (0.0000480)	[1]			
SW7740 - Selenium (mg/L)											
Selenium	-0.00480 JB (0.00169)	[2]	-0.00515 JB (0.000843)	[1]	-0.00440 JB (0.00144)	[1]	0.00712 SF (0.00288)	[2]			

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
008 06-MW-07 06-MW-07-01	008	3
	06-MW-07	07-MW-01
	06-MW-07-DS-01 Dup of	07-MW-01-03
	06-MW-07-01	07-MW-02-03

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A8-16

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																			
	LOCATION ID		SAMPLE ID		3		3		3		3									
	07-MW-02		07-MW-03		07-MW-04		07-SW-03		07-MW-04		07-SW-03-01									
07-MW-02-DS-03 Dup of 07-MW-02-03																				
07-MW-02-03																				
E160.1 - Residue, Filterable (TDS) (mg/L)																				
Total dissolved solids	877	(	10.0)	[1]	825	(	8.67)	[1]	794	(	8.67)	[1]	NA							
SW6010 - Metals (mg/L)																				
Aluminum	0.0240	JB	(	0.0280)	[1]	0.00110	JB	(	0.0284)	[1]	0.0231	JB	(	0.0284)	[1]	0.0497	B	(	0.0284)	[1]
Antimony	0.0378	(	0.0240)	[1]	0.0311	B	(	0.0241)	[1]	0.0326	B	(	0.0241)	[1]	-0.0126	JB	(	0.0241)	[1]	
Arsenic	0.0159	J	(	0.0230)	[1]	-0.0450	J	(	0.0225)	[1]	-0.0140	J	(	0.0225)	[1]	-0.0235	J	(	0.0225)	[1]
Barium	0.911	(	0.000530)	[1]	0.124	(	0.000530)	[1]	0.169	(	0.000530)	[1]	0.179	(	0.000530)	[1]	0.179	(	0.000530)	[1]
Beryllium	-0.000390	JB	(	0.000550)	[1]	-0.000970	JB	(	0.000554)	[1]	0.000300	JB	(	0.000554)	[1]	0.000210	JB	(	0.000554)	[1]
Cadmium	0.000120	JB	(	0.00170)	[1]	0.00145	JB	(	0.00172)	[1]	0.000740	JB	(	0.00172)	[1]	0.00288	B	(	0.00172)	[1]
Calcium	105	(	0.150)	[1]	116	(	0.148)	[1]	142	(	0.148)	[1]	79.5	(	0.148)	[1]	79.5	(	0.148)	[1]
Chromium	0.00817	(	0.00250)	[1]	0.00543	(	0.00249)	[1]	0.00440	B	(	0.00249)	[1]	0.00206	JB	(	0.00249)	[1]		
Cobalt	-0.000180	JB	(	0.00340)	[1]	0.00711	(	0.00340)	[1]	0.0100	(	0.00340)	[1]	0.00126	JB	(	0.00340)	[1]		
Copper	0.00191	JB	(	0.00380)	[1]	0.00677	B	(	0.00381)	[1]	0.00337	JB	(	0.00381)	[1]	0.00745	B	(	0.00381)	[1]
Iron	12.6	(	0.00600)	[1]	2.89	(	0.00596)	[1]	0.513	(	0.00596)	[1]	2.81	(	0.00596)	[1]	2.81	(	0.00596)	[1]
Lead	0.0193	J	(	0.0270)	[1]	-0.0146	J	(	0.0270)	[1]	-0.0138	J	(	0.0270)	[1]	0.00858	J	(	0.0270)	[1]
Magnesium	99.1	(	0.0230)	[1]	110	(	0.0228)	[1]	78.5	(	0.0228)	[1]	42.2	(	0.0228)	[1]	42.2	(	0.0228)	[1]
Manganese	0.158	(	0.000390)	[1]	1.18	(	0.000395)	[1]	1.73	(	0.000395)	[1]	0.0999	(	0.000395)	[1]	0.0999	(	0.000395)	[1]
Molybdenum	0.0000400	JB	(	0.00460)	[1]	-0.00370	JB	(	0.00463)	[1]	0.000110	JB	(	0.00463)	[1]	0.00488	(	0.00463)	[1]	
Nickel	-0.00529	JB	(	0.00990)	[1]	0.00859	J	(	0.00986)	[1]	0.00	JB	(	0.00986)	[1]	0.0150	(	0.00986)	[1]	
Potassium	4.76	(	0.370)	[1]	4.43	(	0.00287)	[1]	4.75	(	0.00287)	[1]	0.421	B	(	0.00287)	[1]			
Selenium	0.0142	J	(	0.0420)	[1]	-0.0418	J	(	0.0417)	[1]	-0.00660	J	(	0.0417)	[1]	0.0102	J	(	0.0417)	[1]
Silver	-0.00226	JB	(	0.00490)	[1]	0.00133	JB	(	0.00492)	[1]	0.000110	JB	(	0.00492)	[1]	0.00373	JB	(	0.00492)	[1]
Sodium	60.9	(	0.0400)	[1]	33.9	(	0.0397)	[1]	25.1	(	0.0397)	[1]	215	(	0.0397)	[1]	215	(	0.0397)	[1]
Thallium	0.0243	B	(0.0170)	[1]	0.0144	JB	(0.0172)	[1]	0.00810	JB	(0.0172)	[1]	-0.00616	JB	(0.0172)	[1]

Compiled: 16 March 1995

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TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		3	3	3
	07-MW-02	07-MW-03	07-MW-04	07-SW-03
	07-MW-02-DS-03 Dup of	07-MW-03-03	07-MW-04-03	07-SW-03-01
	07-MW-02-03			
<hr/>				
SW6010 - Metals, cont. (mg/L)				
Vanadium	0.00254 B (0.00240) [1]	0.00246 B (0.00236) [1]	0.00270 B (0.00236) [1]	0.00558 (0.00236) [1]
Zinc	0.00942 (0.00150) [1]	0.00425 B (0.00153) [1]	-0.000430 JB (0.00153) [1]	0.00993 (0.00153) [1]
<hr/>				
SW7060 - Arsenic (mg/L)				
Arsenic	0.00840 (0.000650) [1]	0.00610 (0.000657) [1]	0.00170 (0.000657) [1]	0.00240 (0.000657) [1]
<hr/>				
SW7421 - Lead (mg/L)				
Lead	0.0107 (0.00110) [1]	0.00410 B (0.000800) [1]	0.00420 B (0.000800) [1]	0.00160 B (0.00105) [1]
<hr/>				
SW7470 - Mercury (mg/L)				
Mercury	-0.0000800 JB (0.0000480) [1]	0.00 JB (0.0000480) [1]	0.0000400 JB (0.0000480) [1]	-0.000100 JB (0.0000480) [1]
<hr/>				
SW7740 - Selenium (mg/L)				
Selenium	0.00120 SJ (0.00144) [1]	-0.00230 JB (0.00144) [1]	-0.00270 JB (0.00144) [1]	-0.00300 JB (0.000843) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	3				3				3			
	07-SW-04				07-SW-05				07-SW-06			
	07-SW-04-01				07-SW-05-01				07-SW-06-01			

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		3	3	3
		07-SW-04	07-SW-05	07-SW-06
		07-SW-04-01	07-SW-05-01	07-SW-06-01
SW7060 - Arsenic, cont. (mg/L)				
Arsenic	0.00210 (0.000657) [1]	0.00250 (0.000657) [1]	0.00 J (0.000657) [1]	-0.00180 JB (0.000657) [1]
SW7421 - Lead (mg/L)				
Lead	0.00341 B (0.00105) [1]	0.00637 B (0.00105) [1]	0.00652 B (0.00105) [1]	0.00677 B (0.00105) [1]
SW7470 - Mercury (mg/L)				
Mercury	-0.000160 JB (0.0000480) [1]	-0.0000900 JB (0.0000480) [1]	-0.000140 JB (0.0000480) [1]	-0.000110 JB (0.0000480) [1]
SW7740 - Selenium (mg/L)				
Selenium	-0.00354 JB (0.000843) [1]	-0.00298 JB (0.000843) [1]	-0.00364 JB (0.000843) [1]	-0.00380 JB (0.000843) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A8-20

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS) (mg/L)	008	008	008	008
	09-MW-01	09-MW-02	09-MW-03	09-MW-04
	09-MW-01-03	09-MW-02-03	09-MW-03-03	09-MW-04-03
Total dissolved solids	NA	615 (10.0) [1]	NA	672 (10.0) [1]
E300 - Anions (mg/L)				
	NA	27.8 (0.100) [5]	NA	33.2 (0.100) [5]
	NA	2.03 (0.0600) [1]	NA	2.97 (0.0600) [1]
E353.1 - Nitrate-Nitrite (mg/L)				
	NA	ND (0.0100) [1]	NA	ND (0.0100) [1]
SW6010 - Metals (mg/L)	0.00936 JB (0.0280) [1]	0.00183 JB (0.0280) [1]	0.00232 JB (0.0280) [1]	0.00977 JB (0.0280) [1]
	0.00350 JB (0.0240) [1]	0.0220 JB (0.0240) [1]	0.0181 JB (0.0240) [1]	0.0119 JB (0.0240) [1]
	0.0255 (0.0230) [1]	0.00352 J (0.0230) [1]	0.0142 J (0.0230) [1]	0.00734 J (0.0230) [1]
	0.894 (0.000530) [1]	0.592 (0.000530) [1]	0.643 (0.000530) [1]	0.676 (0.000530) [1]
	0.00 JB (0.000550) [1]	-0.000120 JB (0.000550) [1]	-0.000230 JB (0.000550) [1]	-0.000500 JB (0.000550) [1]
	0.000390 JB (0.00170) [1]	0.00440 (0.00170) [1]	-0.000470 JB (0.00170) [1]	-0.000360 JB (0.00170) [1]
	174 (0.150) [1]	172 (0.150) [1]	118 (0.150) [1]	166 (0.150) [1]
	0.00110 JB (0.00250) [1]	0.00490 (0.00250) [1]	-0.00171 JB (0.00250) [1]	0.00394 B (0.00250) [1]
	0.000460 JB (0.00340) [1]	0.00256 JB (0.00340) [1]	0.00265 JB (0.00340) [1]	-0.000230 JB (0.00340) [1]
	0.00247 JB (0.00380) [1]	0.000520 JB (0.00380) [1]	0.0000700 JB (0.00380) [1]	0.00264 JB (0.00380) [1]
	63.9 (0.00600) [1]	26.3 (0.00600) [1]	24.3 (0.00600) [1]	34.4 (0.00600) [1]
	-0.0118 J (0.0270) [1]	0.0322 (0.0270) [1]	-0.00830 J (0.0270) [1]	0.0142 J (0.0270) [1]
	30.7 (0.0230) [1]	25.7 (0.0230) [1]	19.5 (0.0230) [1]	27.9 (0.0230) [1]
	7.46 (0.000390) [1]	5.92 (0.000390) [1]	2.70 (0.000390) [1]	3.38 (0.000390) [1]
	-0.00224 JB (0.00460) [1]	-0.00160 JB (0.00460) [1]	-0.00411 JB (0.00460) [1]	-0.000520 JB (0.00460) [1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	008			008			008			008		
	09-MW-01			09-MW-02			09-MW-03			09-MW-04		
	09-MW-01-03			09-MW-02-03			09-MW-03-03			09-MW-04-03		

SW6010 - Metals, cont. (mg/L)												
Nickel	0.00436 JB (0.00990)	[1]	-0.00414 JB (0.00990)	[1]	0.000910 JB (0.00990)	[1]	-0.00483 JB (0.00990)	[1]				[1]
Potassium	3.86 (0.370)	[1]	3.90 (0.370)	[1]	4.24 (0.370)	[1]	4.40 (0.370)	[1]	4.40 (0.370)	[1]		[1]
Selenium	-0.000200 J (0.0420)	[1]	-0.00920 J (0.0420)	[1]	-0.00899 J (0.0420)	[1]	-0.00313 J (0.0420)	[1]				[1]
Silver	-0.00242 JB (0.00490)	[1]	-0.000930 JB (0.00490)	[1]	-0.000590 JB (0.00490)	[1]	-0.000140 JB (0.00490)	[1]				[1]
Sodium	18.0 (0.0400)	[1]	13.5 (0.0400)	[1]	69.4 (0.0400)	[1]	30.8 (0.0400)	[1]				[1]
Thallium	0.0149 JB (0.0170)	[1]	-0.0227 JB (0.0170)	[1]	-0.0159 JB (0.0170)	[1]	-0.00493 JB (0.0170)	[1]				[1]
Vanadium	-0.000930 JB (0.00240)	[1]	-0.00127 JB (0.00240)	[1]	-0.00346 JB (0.00240)	[1]	-0.000450 JB (0.00240)	[1]				[1]
Zinc	0.0132 (0.00150)	[1]	0.0111 (0.00150)	[1]	0.00873 (0.00150)	[1]	0.0105 (0.00150)	[1]				[1]

SW7060 - Arsenic (mg/L)												
Arsenic	0.0143 (0.000650)	[1]	0.0110 (0.000650)	[1]	0.0101 (0.000657)	[1]	0.0118 (0.000657)	[1]				[1]

SW7421 - Lead (mg/L)												
Lead	0.00460 B (0.00110)	[1]	0.00650 B (0.00110)	[1]	0.00340 B (0.00110)	[1]	0.00260 B (0.00110)	[1]				[1]

SW7470 - Mercury (mg/L)												
Mercury	0.000210 (0.0000480)	[1]	0.000210 (0.0000480)	[1]	0.000140 B (0.0000480)	[1]	0.000160 B (0.0000480)	[1]				[1]

SW7740 - Selenium (mg/L)												
Selenium	0.00625 S (0.00144)	[1]	0.00448 S (0.00288)	[2]	-0.00250 JB (0.00144)	[1]	-0.00250 JB (0.00144)	[1]				[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
E160.1 - Residue, Filterable (TDS) (mg/L)	008	008	008	008
	09-MW-05	09-MW-06	09-MW-15	10-MW-01
	09-MW-05-03	09-MW-06-03	09-MW-15-01	10-MW-01-03
Total dissolved solids	562 (10.0) [1]	NA	581 (8.67) [1]	654 (10.0) [1]
E160.2 - Residue, Non-Filterable (mg/L)	NA			
Total suspended solids	NA			
E300 - Anions (mg/L)	NA			
	NA			
	NA			
Chloride	43.4 (0.200) [10]	NA	19.9 (0.0400) [2]	14.2 (0.0400) [2]
Sulfate	13.0 (0.0600) [1]	NA	7.66 (0.120) [2]	7.70 (0.0600) [1]
E353.1 - Nitrate-Nitrite (mg/L)	ND			
Nitrate-Nitrite as N	ND (0.0100) [1]			
SW6010 - Metals (mg/L)	0.0107 JB (0.0280) [1]	0.0315 B (0.0280) [1]	-0.0109 JB (0.0284) [1]	0.0108 JB (0.0280) [1]
	0.0102 JB (0.0240) [1]	-0.0190 JB (0.0240) [1]	-0.0240 JB (0.0241) [1]	-0.00589 JB (0.0240) [1]
	0.00872 J (0.0230) [1]	0.00628 J (0.0230) [1]	0.0172 J (0.0225) [1]	-0.0104 J (0.0230) [1]
	0.462 (0.000530) [1]	0.0929 (0.000530) [1]	0.437 (0.000530) [1]	0.605 (0.000530) [1]
	-0.000620 JB (0.000550) [1]	0.000510 JB (0.000550) [1]	-0.000820 JB (0.000554) [1]	0.0000100 JB (0.000550) [1]
	0.000820 JB (0.00170) [1]	0.00113 JB (0.00170) [1]	0.00235 B (0.00172) [1]	0.000750 JB (0.00170) [1]
	120 (0.150) [1]	46.2 (0.150) [1]	168 (0.148) [1]	165 (0.150) [1]
	0.000850 JB (0.00250) [1]	-0.00139 JB (0.00250) [1]	0.000700 JB (0.00249) [1]	0.000900 JB (0.00250) [1]
	0.00169 JB (0.00340) [1]	-0.00307 JB (0.00340) [1]	0.00522 (0.00340) [1]	0.00749 (0.00340) [1]
	0.00105 JB (0.00380) [1]	0.000680 JB (0.00380) [1]	-0.000360 JB (0.00381) [1]	0.000180 JB (0.00380) [1]
	17.0 (0.00600) [1]	0.0359 B (0.00600) [1]	13.8 (0.00596) [1]	19.4 (0.00600) [1]
	-0.00676 J (0.0270) [1]	-0.0175 J (0.0270) [1]	0.0202 J (0.0270) [1]	0.00951 J (0.0270) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		008		008		008	
					09-MW-05		09-MW-06		09-MW-15	
	09-MW-05-03		09-MW-06-03		09-MW-15-01		09-MW-15-01		10-MW-01-03	

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS) (mg/L)	008	008	005	
	10-MW-02	10-MW-03	10-MW-04	12-MW-01
Total dissolved solids	10-MW-02-03	10-MW-03-03	10-MW-04-01	12-MW-01-03
NA	NA	624	(8.67)	[1] NA
E160.2 - Residue, Non-Filterable (mg/L)	NA	NA	49.2	(7.90) [1] NA
Total suspended solids	NA	NA	18.4	(0.100) [5] NA
E300 - Anions (mg/L)	NA	NA	2.25	(0.0600) [1] NA
Chloride	NA	NA	ND	(0.0100) [1] NA
Sulfate	NA	NA		
E353.1 - Nitrate-Nitrite (mg/L)	NA	NA		
Nitrate-Nitrite as N	NA	NA		
SW6010 - Metals (mg/L)				
Aluminum	0.00938 JB (0.0280)	[1] 0.0152 JB (0.0280)	[1] 0.0303 B (0.0284)	[1] 0.00715 JB (0.0280)
Antimony	0.0165 JB (0.0240)	[1] -0.0104 JB (0.0240)	[1] -0.00918 JB (0.0241)	[1] -0.00580 JB (0.0240)
Arsenic	0.0504 (0.0230)	[1] -0.00344 J (0.0230)	[1] 0.0177 J (0.0225)	[1] -0.00369 J (0.0230)
Barium	0.875 (0.000530)	[1] 0.590 (0.000530)	[1] 0.728 (0.000530)	[1] 0.210 (0.000530)
Beryllium	-0.000370 JB (0.000550)	[1] 0.000250 JB (0.000550)	[1] 0.0000700 JB (0.000554)	[1] -0.000110 JB (0.000550)
Cadmium	0.00182 B (0.00170)	[1] 0.00143 JB (0.00170)	[1] -0.00179 JB (0.00172)	[1] 0.000890 JB (0.00170)
Calcium	157 (0.150)	[1] 156 (0.150)	[1] 180 (0.148)	[1] 160 (0.150)
Chromium	0.00284 B (0.00250)	[1] 0.00168 JB (0.00250)	[1] 0.000960 JB (0.00249)	[1] 0.00156 JB (0.00250)
Cobalt	0.00347 B (0.00340)	[1] 0.00608 (0.00340)	[1] 0.00462 B (0.00340)	[1] -0.000490 JB (0.00340)
Copper	0.00372 JB (0.00380)	[1] 0.00225 JB (0.00380)	[1] -0.000880 JB (0.00381)	[1] 0.00268 JB (0.00380)
Iron	107 (0.00600)	[1] 42.5 (0.00600)	[1] 46.4 (0.00596)	[1] 0.0914 B (0.00600)
Lead	0.0420 (0.0270)	[1] 0.0151 J (0.0270)	[1] 0.0175 J (0.0270)	[1] 0.0129 J (0.0270)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008				008				005			
	10-MW-02		10-MW-03		10-MW-04		10-MW-01		12-MW-01		12-MW-03	

SW6010 - Metals, cont. (mg/L)												
Magnesium	28.2	(0.0230)	[1]	26.3	(0.0230)	[1]	30.1	(0.0228)	[1]	30.1	(0.0230)	[1]
Manganese	8.00	(0.000390)	[1]	6.83	(0.000390)	[1]	7.96	(0.000395)	[1]	0.105	(0.000390)	[1]
Molybdenum	-0.000860	JB (0.00460)	[1]	0.00224	JB (0.00460)	[1]	-0.00313	JB (0.00463)	[1]	-0.00252	JB (0.00460)	[1]
Nickel	0.00206	JB (0.00990)	[1]	0.00	JB (0.00990)	[1]	-0.00249	JB (0.00986)	[1]	-0.0145	JB (0.00990)	[1]
Potassium	4.63	(0.370)	[1]	3.76	(0.370)	[1]	3.78	(0.00287)	[1]	2.79	(0.370)	[1]
Selenium	0.0251	J (0.0420)	[1]	-0.00857	J (0.0420)	[1]	0.0304	J (0.0417)	[1]	-0.0192	J (0.0420)	[1]
Silver	-0.00185	JB (0.00490)	[1]	-0.000320	JB (0.00490)	[1]	-0.00723	JB (0.00492)	[1]	-0.00121	JB (0.00490)	[1]
Sodium	24.0	(0.0400)	[1]	19.6	(0.0400)	[1]	20.7	(0.0397)	[1]	5.97	(0.0400)	[1]
Thallium	-0.00524	JB (0.0170)	[1]	-0.0125	JB (0.0170)	[1]	0.00874	JB (0.0172)	[1]	-0.0129	JB (0.0170)	[1]
Vanadium	-0.000780	JB (0.00240)	[1]	-0.000180	JB (0.00240)	[1]	0.000610	JB (0.00236)	[1]	-0.00245	JB (0.00240)	[1]
Zinc	0.00711	B (0.00150)	[1]	0.00604	B (0.00150)	[1]	0.00359	B (0.00153)	[1]	0.00671	B (0.00150)	[1]

SW7060 - Arsenic (mg/L)												
Arsenic	0.0422	(0.000650)	[1]	0.0147	(0.000650)	[1]	0.0181	(0.000657)	[1]	-0.000500	JB (0.000650)	[1]

SW7421 - Lead (mg/L)												
Lead	0.00140	B (0.00110)	[1]	0.00	JB (0.00110)	[1]	0.00410	SB (0.00110)	[1]	-0.00220	JB (0.00110)	[1]

SW7470 - Mercury (mg/L)												
Mercury	-0.0000700	JB (0.0000480)	[1]	0.0000400	JB (0.0000480)	[1]	-0.0000500	JB (0.0000480)	[1]	0.00	JB (0.0000480)	[1]

SW7740 - Selenium (mg/L)												
Selenium	0.00456	S (0.00288)	[2]	0.00646	SF (0.00288)	[2]	0.00348	(0.000843)	[1]	0.00538	S (0.00288)	[2]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW6010 - Metals (mg/L)				
Aluminum	0.00271 JB (0.0280)	[1]	0.00978 JB (0.0280)	[1]
Antimony	0.00933 JB (0.0240)	[1]	-0.0238 JB (0.0240)	[1]
Arsenic	-0.0224 J (0.0230)	[1]	0.0110 J (0.0230)	[1]
Barium	0.259 (0.000530)	[1]	0.255 (0.000530)	[1]
Beryllium	-0.000100 JB (0.000550)	[1]	-0.000240 JB (0.000550)	[1]
Cadmium	-0.000620 JB (0.00170)	[1]	0.000150 JB (0.00170)	[1]
Calcium	146 (0.150)	[1]	146 (0.150)	[1]
Chromium	0.00314 B (0.00250)	[1]	0.00203 JB (0.00250)	[1]
Cobalt	-0.000530 JB (0.00340)	[1]	-0.000530 JB (0.00340)	[1]
Copper	0.000620 JB (0.00380)	[1]	0.00269 JB (0.00380)	[1]
Iron	0.0908 B (0.00600)	[1]	0.0377 B (0.00600)	[1]
Lead	0.000530 J (0.0270)	[1]	0.00761 J (0.0270)	[1]
Magnesium	26.8 (0.0230)	[1]	26.9 (0.0230)	[1]
Manganese	0.0749 (0.000390)	[1]	0.0555 (0.000390)	[1]
Molybdenum	-0.00242 JB (0.00460)	[1]	-0.000930 JB (0.00460)	[1]
Nickel	-0.00736 JB (0.00990)	[1]	-0.000230 JB (0.00990)	[1]
Potassium	2.19 (0.370)	[1]	2.50 (0.370)	[1]
Selenium	0.0199 J (0.0420)	[1]	0.0241 J (0.0420)	[1]
Silver	-0.00244 JB (0.00490)	[1]	-0.00268 JB (0.00490)	[1]
Sodium	4.52 (0.0400)	[1]	4.53 (0.0400)	[1]
Thallium	-0.0661 JB (0.0170)	[1]	-0.0133 JB (0.0170)	[1]
Vanadium	-0.00389 JB (0.00240)	[1]	-0.00123 JB (0.00240)	[1]
Zinc	0.00222 B (0.00150)	[1]	0.00110 JB (0.00150)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
SW7060 - Arsenic (mg/L)	005	005
	12-MW-02	12-MW-02
Arsenic	12-MW-02-03	12-MW-02-DS-03 Dup of
		12-MW-02-03

SW7421 - Lead (mg/L)	-0.00130 JB (0.000650)	[1] -0.00110 JB (0.000650) [1]
Lead	0.0511 (0.00110)	[1] 0.00850 (0.00110) [1]
SW7470 - Mercury (mg/L)	0.0000200 JB (0.0000480)	[1] 0.0000300 JB (0.0000480) [1]
Mercury		
SW7740 - Selenium (mg/L)	0.00570 SF (0.00288)	[2] 0.00426 SF (0.00288) [2]
Selenium		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	001	001	001	001	001	001	001	001	001	001
	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03-01	01-SB-03-01 Dup of	01-SB-03-02	01-SB-03-03	01-SB-03-03	01-SB-03-03
	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-02	01-SB-03-03	01-SB-03-03	01-SB-03-03
	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5
Diesel Range Organics (mg/kg)	0.00 JB (20.0)	[1]	0.00 JB (20.0)	[1]	0.00 JB (20.0)	[1]	1.00 JB (20.0)	[1]	0.00 JB (20.0)	[1]
Diesel Range Organics										
Gasoline Range Organics (mg/kg)	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]
Gasoline Range Organics										
Percent Solid (percent)	9.66 (0.00)	[1]	14.3 (0.00)	[1]	0.00 (0.00)	[1]	13.9 (0.00)	[1]	13.5 (0.00)	[1]
Percent moisture										
SW8240 - Volatile Organics (ug/kg)	1.50 J (7.00)	[1]	8.20 (7.00)	[1]	0.600 J (6.00)	[1]	4.10 J (6.00)	[1]	4.10 J (6.00)	[1]
1,1,1-Trichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,1,2,2-Tetrachloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,1,2-Trichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,1-Dichloroethane	ND (7.00)	[1]	1.90 J (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	1.50 J (6.00)	[1]
1,1-Dichloroethene	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,2-Dichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
1,2-Dichloropropane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
2-Butanone(MEK)	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]
2-Chloroethyl vinyl ether	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]
2-Hexanone	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]
Acetone	ND (100)	[1]	ND (100)	[1]	ND (100)	[1]	ND (100)	[1]	3.70 J (30.0)	[1]
Benzene	ND (7.00)	[1]	0.900 J (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	5.50 JB (100)	[1]
Bromodichloromethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	0.900 J (6.00)	[1]
Bromomethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]	ND (6.00)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER												
SW8240 - Volatile Organics, cont. (ug/kg)												
Carbon disulfide	ND	(	10.0)	[1]	ND	(	10.0)	[1]	ND	(	10.0)	[1]
Carbon tetrachloride	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Chlorobenzene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Chloroethane	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Chloroform	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Chloromethane	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Dibromochloromethane	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Ethylbenzene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Methylene chloride	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Styrene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Tetrachloroethene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Toluene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Tribromomethane(Bromoform)	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Trichloroethene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
Vinyl acetate	ND	(	70.0)	[1]	ND	(	70.0)	[1]	ND	(	60.0)	[1]
Vinyl chloride	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
cis-1,2-Dichloroethene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
cis-1,3-Dichloropropene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
m & p-Xylene	ND	(	30.0)	[1]	ND	(	30.0)	[1]	ND	(	20.0)	[1]
o-Xylene	ND	(	10.0)	[1]	ND	(	10.0)	[1]	ND	(	10.0)	[1]
trans-1,2-Dichloroethene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
trans-1,3-Dichloropropene	ND	(	7.00)	[1]	ND	(	7.00)	[1]	ND	(	6.00)	[1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)												

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit []

Compiled: 17 March 1995

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)			
	001	001	001	001	001	001	001	001	001	001	001	001
	01-SB-03	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04	01-SB-04
	01-SB-03-04	01-SB-04-01	01-SB-04-01	01-SB-04-01	01-SB-04-02	01-SB-04-02	01-SB-04-02	01-SB-04-02	01-SB-04-02	01-SB-04-03	01-SB-04-03	01-SB-04-03
	7.5 - 9.5	0 - 2	0 - 2	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	5 - 7	5 - 7	5 - 7
Diesel Range Organics (mg/kg)												
Diesel Range Organics	0.00 JB (	20.0)	[1]	1.00 JB (	20.0)	[1]	1.00 JB (	20.0)	[1]	1.00 JB (	20.0)	[1]
Gasoline Range Organics (mg/kg)												
Gasoline Range Organics	0.00 JB (	10.0)	[1]	0.00 JB (	10.0)	[1]	0.00 JB (	10.0)	[1]	0.00 JB (	10.0)	[1]
Percent Solid (percent)												
Percent moisture	24.2 (	0.00)	[1]	14.3 (	0.00)	[1]	20.9 (	0.00)	[1]	17.0 (	0.00)	[1]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND (	6.00)	[1]	1.10 J (	5.00)	[1]	4.70 J (	7.00)	[1]	2.40 J (	6.00)	[1]
1,1,2,2-Tetrachloroethane	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
1,1,2-Trichloroethane	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
1,1-Dichloroethane	ND (	6.00)	[1]	ND (	5.00)	[1]	1.60 J (	7.00)	[1]	0.900 J (	6.00)	[1]
1,1-Dichloroethene	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
1,2-Dichloroethane	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
1,2-Dichloropropane	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
2-Butanone(MEK)	ND (	40.0)	[1]	ND (	30.0)	[1]	81.0 B (	40.0)	[1]	9.70 JB (	30.0)	[1]
2-Chloroethyl vinyl ether	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
2-Hexanone	ND (	40.0)	[1]	ND (	30.0)	[1]	ND (	40.0)	[1]	ND (	30.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND (	40.0)	[1]	ND (	30.0)	[1]	ND (	40.0)	[1]	ND (	30.0)	[1]
Acetone	4.70 JB (	100)	[1]	3.50 JB (	100)	[1]	230 (	100)	[1]	39.0 JB (	100)	[1]
Benzene	ND (	6.00)	[1]	0.400 JB (	5.00)	[1]	1.00 J (	7.00)	[1]	0.800 J (	6.00)	[1]
Bromodichloromethane	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
Bromomethane	ND (	6.00)	[1]	ND (	5.00)	[1]	ND (	7.00)	[1]	ND (	6.00)	[1]
Carbon disulfide	ND (	10.0)	[1]	ND (	10.0)	[1]	ND (	10.0)	[1]	ND (	10.0)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID		
LOCATION ID	SAMPLE ID	
BEG. DEPTH - END DEPTH (FT.)		
PARAMETER	001	001
	01-SB-03	01-SB-04
	01-SB-03-04	01-SB-04-01
	7.5 - 9.5	0 - 2

SW8240 - Volatile Organics, cont. (ug/kg)		
Carbon tetrachloride	ND (6.00) [1]	ND (5.00) [1]
Chlorobenzene	ND (6.00) [1]	ND (5.00) [1]
Chloroethane	ND (6.00) [1]	ND (5.00) [1]
Chloroform	ND (6.00) [1]	ND (5.00) [1]
Chloromethane	ND (6.00) [1]	ND (5.00) [1]
Dibromochloromethane	ND (6.00) [1]	ND (5.00) [1]
Ethylbenzene	ND (6.00) [1]	ND (5.00) [1]
Methylene chloride	ND (6.00) [1]	ND (5.00) [1]
Styrene	ND (6.00) [1]	ND (5.00) [1]
Tetrachloroethene	ND (6.00) [1]	ND (5.00) [1]
Toluene	ND (6.00) [1]	ND (5.00) [1]
Tribromomethane(Bromoform)	ND (6.00) [1]	ND (5.00) [1]
Trichloroethene	ND (6.00) [1]	ND (5.00) [1]
Vinyl acetate	ND (60.0) [1]	ND (50.0) [1]
Vinyl chloride	ND (6.00) [1]	ND (5.00) [1]
Xylene (total)	NA	ND (20.0) [1]
cis-1,2-Dichloroethene	ND (6.00) [1]	ND (5.00) [1]
cis-1,3-Dichloropropene	ND (6.00) [1]	ND (5.00) [1]
m & p-Xylene	ND (20.0) [1]	ND (20.0) [1]
o-Xylene	ND (10.0) [1]	ND (10.0) [1]
trans-1,2-Dichloroethene	ND (6.00) [1]	ND (5.00) [1]
trans-1,3-Dichloropropene	ND (6.00) [1]	ND (5.00) [1]

SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)		
Acenaphthene	173 (101) [2]	130 (98.7) [2]
		119 (94.0) [2]

() = Detection Limit

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		DILUTION FACTOR		R = INVALID RESULT, REFER TO QC REPORT	
	001	001	001	001	001	001	001	001	001	001
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)	01-SB-03	01-SB-04	01-SB-04	01-SB-04	01-SB-04-01	01-SB-04-02	01-SB-04-03	01-SB-04-03	01-SB-04-03	01-SB-04-03
	7.5 - 9.5	0 - 2	2.5 - 4.5	5 - 7						
Acenaphthylene	ND	(195)	[2]	ND	(170)	[2]	ND	(190)	[2]	ND
Anthracene	0.969 J	(59.8)	[2]	ND	(52.0)	[2]	ND	(58.2)	[2]	ND
Benzo(a)anthracene	0.413 J	(1.79)	[2]	1.43 J	(1.56)	[2]	0.0120 J	(1.75)	[2]	ND
Benzo(a)pyrene	1.65 JB	(5.46)	[2]	2.73 JB	(4.75)	[2]	1.81 JB	(5.32)	[2]	1.74 JB
Benzo(b)fluoranthene	6.45 J	(8.58)	[2]	3.62 J	(7.47)	[2]	3.22 J	(8.35)	[2]	2.07 J
Benzo(g,h,i)perylene	1.91 J	(15.6)	[2]	0.313 JB	(13.6)	[2]	0.805 J	(15.2)	[2]	6.71 J
Benzo(k)fluoranthene	0.626 JB	(1.72)	[2]	0.966 JB	(1.49)	[2]	1.17 JB	(1.67)	[2]	1.00 JB
Chrysene	ND	(31.2)	[2]	3.98 J	(27.1)	[2]	ND	(30.4)	[2]	ND
Dibenz(a,h)anthracene	1.66 JB	(4.16)	[2]	3.03 JB	(3.62)	[2]	5.28 B	(4.05)	[2]	1.12 JB
Fluoranthene	ND	(54.6)	[2]	ND	(47.5)	[2]	ND	(53.2)	[2]	ND
Fluorene	ND	(14.8)	[2]	ND	(12.9)	[2]	ND	(14.4)	[2]	ND
Indeno(1,2,3-cd)pyrene	25.9 B	(5.72)	[2]	14.8 B	(4.98)	[2]	15.6 B	(5.57)	[2]	38.3 B
Naphthalene	ND	(468)	[2]	ND	(407)	[2]	ND	(456)	[2]	ND
Phenanthrene	293 B	(109)	[2]	306 B	(95.0)	[2]	265 B	(106)	[2]	173 B
Pyrene	ND	(65.0)	[2]	ND	(56.6)	[2]	ND	(63.3)	[2]	ND

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																		
	LOCATION ID																		
	SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)														
	001				005				005										
	01-SB-04				05-SB-04				05-SB-04										
	01-SB-04-04				05-SB-04-01				05-SB-04-02										
	7.5 - 9.5				0 - 2				2.5 - 4.5										
	5 - 7																		

Diesel Range Organics (mg/kg)	1.00	JB	(	20.0)	[1]	5.00	JB	(	20.0)	[1]	46.0	B	(	20.0)	[1]	1300	(	20.0)	[1]
Diesel Range Organics																			
Gasoline Range Organics (mg/kg)	0.00	JB	(	10.0)	[1]	0.00	JB	(	10.0)	[1]	0.00	JB	(	10.0)	[1]	420	(	10.0)	[50]
Gasoline Range Organics																			
Percent Solid (percent)	14.5	(	0.00)	[1]		2.54	(	0.00)	[1]		3.52	(	0.00)	[1]		11.2	(	0.00)	[1]
Percent moisture																			
SW8240 - Volatile Organics (ug/kg)																			
1,1,1-Trichloroethane	3.60	J	(	6.00)	[1]	ND	(	5.00)	[1]		1.40	J	(	5.00)	[1]	ND	(	1000)	[10]
1,1,2,2-Tetrachloroethane	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
1,1,2-Trichloroethane	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
1,1-Dichloroethane	1.20	J	(	6.00)	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
1,1-Dichloroethene	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
1,2-Dichloroethane	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
1,2-Dichloropropane	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
2-Butanone(MEK)	5.40	JB	(	30.0)	[1]	ND	(	30.0)	[1]		ND	(	30.0)	[1]		ND	(	6000)	[10]
2-Chloroethyl vinyl ether	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
2-Hexanone	ND	(	30.0)	[1]	[1]	ND	(	30.0)	[1]		ND	(	30.0)	[1]		ND	(	6000)	[10]
4-Methyl-2-pentanone(MIBK)	ND	(	30.0)	[1]	[1]	ND	(	30.0)	[1]		ND	(	30.0)	[1]		ND	(	6000)	[10]
Acetone	23.0	JB	(	100)	[1]	4.30	JB	(	100)	[1]		ND	(	100)	[1]	ND	(	22000)	[10]
Benzene	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		0.700	J	(	5.00)	[1]	1100	(	1000)	[10]
Bromodichloromethane	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
Bromomethane	ND	(	6.00)	[1]	[1]	ND	(	5.00)	[1]		ND	(	5.00)	[1]		ND	(	1000)	[10]
Carbon disulfide	ND	(	10.0)	[1]	[1]	ND	(	10.0)	[1]		ND	(	10.0)	[1]		ND	(	2000)	[10]

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)			
SW8240 - Volatile Organics, cont. (ug/kg)												
Carbon tetrachloride	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Chlorobenzene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Chloroethane	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Chloroform	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Chloromethane	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Dibromochloromethane	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Ethylbenzene	ND	(	6.00)	[1]	0.700 J	(	5.00)	[1]	ND	(	5.00)	[1]
Methylene chloride	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Styrene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Tetrachloroethene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Toluene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	0.600 J	(	5.00)	[1]
Tribromomethane(Bromoform)	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Trichloroethene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Vinyl acetate	ND	(	60.0)	[1]	ND	(	50.0)	[1]	ND	(	50.0)	[1]
Vinyl chloride	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
Xylene (total)	ND	(	20.0)	[1]	NA	(	5.00)	[1]	NA	(	5.00)	[1]
cis-1,2-Dichloroethene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
cis-1,3-Dichloropropene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
m & p-Xylene	ND	(	20.0)	[1]	1.60 J	(	20.0)	[1]	ND	(	20.0)	[1]
o-Xylene	ND	(	10.0)	[1]	0.900 J	(	10.0)	[1]	ND	(	10.0)	[1]
trans-1,2-Dichloroethene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
trans-1,3-Dichloropropene	ND	(	6.00)	[1]	ND	(	5.00)	[1]	ND	(	5.00)	[1]
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene	NA	(			ND	(	0.0202)	[1]	ND	(	0.0204)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	001	005	005	005	005	005
	01-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04
	01-SB-04-04	05-SB-04-01	05-SB-04-02	05-SB-04-02	05-SB-04-03	05-SB-04-03
	7.5 - 9.5	0 - 2	2.5 - 4.5	2.5 - 4.5	5 - 7	5 - 7
SW8270 - Semivolatile Organics, cont. (mg/kg)						
1,2-Dichlorobenzene	NA	ND (0.0266)	[1]	ND (0.0269)	[1]	ND (0.0865)
1,3-Dichlorobenzene	NA	ND (0.0135)	[1]	ND (0.0137)	[1]	ND (0.0440)
1,4-Dichlorobenzene	NA	ND (0.0276)	[1]	ND (0.0279)	[1]	ND (0.0897)
2,4,5-Trichlorophenol	NA	ND (0.0113)	[1]	ND (0.0114)	[1]	ND (0.0366)
2,4,6-Trichlorophenol	NA	ND (0.0119)	[1]	ND (0.0120)	[1]	ND (0.0388)
2,4-Dichlorophenol	NA	ND (0.0151)	[1]	ND (0.0153)	[1]	ND (0.0492)
2,4-Dimethylphenol	NA	ND (0.0376)	[1]	ND (0.0380)	[1]	ND (0.122)
2,4-Dinitrophenol	NA	ND (0.239)	[1]	ND (0.242)	[1]	ND (0.777)
2,4-Dinitrotoluene	NA	ND (0.0188)	[1]	ND (0.0190)	[1]	ND (0.0611)
2,6-Dinitrotoluene	NA	ND (0.0118)	[1]	ND (0.0119)	[1]	ND (0.0384)
2-Chloronaphthalene	NA	ND (0.0111)	[1]	ND (0.0112)	[1]	ND (0.0360)
2-Chlorophenol	NA	ND (0.0261)	[1]	ND (0.0264)	[1]	ND (0.0848)
2-Methylnaphthalene	NA	ND (0.0225)	[1]	0.0142 J (0.0228)	[1]	13.3 (0.0733)
2-Methylphenol (o-cresol)	NA	ND (0.0182)	[1]	ND (0.0184)	[1]	ND (0.0593)
2-Nitroaniline	NA	ND (0.0137)	[1]	ND (0.0139)	[1]	ND (0.0446)
2-Nitrophenol	NA	ND (0.0150)	[1]	ND (0.0152)	[1]	ND (0.0489)
3,3'-Dichlorobenzidine	NA	ND (0.0167)	[1]	ND (0.0169)	[1]	ND (0.0544)
3-Nitroaniline	NA	ND (0.0174)	[1]	ND (0.0176)	[1]	ND (0.0565)
4,6-Dinitro-2-methylphenol	NA	ND (0.0270)	[1]	ND (0.0273)	[1]	ND (0.0880)
4-Bromophenyl phenyl ether	NA	ND (0.0156)	[1]	ND (0.0157)	[1]	ND (0.0506)
4-Chloro-3-methylphenol	NA	ND (0.0247)	[1]	0.0418 (0.0250)	[1]	ND (0.0803)
4-Chloroaniline	NA	ND (0.0191)	[1]	ND (0.0193)	[1]	ND (0.0621)
4-Chlorophenyl phenyl ether	NA	ND (0.0180)	[1]	ND (0.0182)	[1]	ND (0.0586)
4-Methylphenol (p-cresol)	NA	ND (0.0196)	[1]	ND (0.0198)	[1]	ND (0.0639)
4-Nitroaniline	NA	ND (0.0165)	[1]	ND (0.0167)	[1]	ND (0.0538)

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	001				005				005				005						
	LOCATION ID				LOCATION ID				LOCATION ID				LOCATION ID						
	SAMPLE ID				SAMPLE ID				SAMPLE ID				SAMPLE ID						
	BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)				BEG. DEPTH - END DEPTH (FT.)						
SW8270 - Semivolatile Organics, cont. (mg/kg)																			
4-Nitrophenol	NA	ND	(	0.0236)	[1]	ND	(	0.0236)	[1]	ND	(	0.0238)	[1]	ND	(	0.0767)	[1]
Acenaphthene	NA	ND	(	0.0163)	[1]	ND	(	0.0163)	[1]	ND	(	0.0165)	[1]	ND	(	0.0531)	[1]
Acenaphthylene	NA	ND	(	0.00772)	[1]	ND	(	0.00772)	[1]	ND	(	0.00780)	[1]	ND	(	0.0251)	[1]
Anthracene	NA	ND	(	0.0198)	[1]	0.0290	(	0.0198)	[1]	0.0290	(	0.0201)	[1]	ND	(	0.0645)	[1]
Benzo(a)anthracene	NA	0.0297	(0.0176)	[1]	0.0362	(0.0176)	[1]	0.0362	(0.0178)	[1]	0.0391	J	(0.0572)	[1]	
Benzo(a)pyrene	NA	0.0362	(	0.0131)	[1]	0.0380	(	0.0131)	[1]	0.0380	(	0.0132)	[1]	ND	(	0.0425)	[1]
Benzo(b)fluoranthene	NA	0.0601	F	(0.0194)	[1]	0.0362	F	(0.0196)	[1]	0.0362	F	0.0253	FJ	(0.0632)	[1]	
Benzo(g,h,i)perylene	NA	0.0275	(	0.0166)	[1]	0.0352	(	0.0166)	[1]	0.0352	(	0.0168)	[1]	ND	(	0.0541)	[1]
Benzo(k)fluoranthene	NA	0.0601	F	(0.0331)	[1]	0.0362	F	(0.0334)	[1]	0.0362	F	0.0253	FJ	(0.108)	[1]	
Benzoic acid	NA	ND	(	0.135)	[1]	0.179	(	0.135)	[1]	0.179	(	0.137)	[1]	ND	(	0.440)	[1]
Benzyl alcohol	NA	ND	(	0.0369)	[1]	ND	(	0.0369)	[1]	ND	(	0.0373)	[1]	ND	(	0.120)	[1]
Butylbenzylphthalate	NA	ND	(	0.0134)	[1]	0.0119	J	(	0.0136)	[1]	0.0119	J	(	ND	(	0.0436)	[1]
Chrysene	NA	0.0362	(0.0228)	[1]	0.0459	(0.0228)	[1]	0.0459	(0.0231)	[1]	0.0498	J	(0.0743)	[1]	
Di-n-butylphthalate	NA	ND	(	0.0168)	[1]	0.00804	J	(	0.0170)	[1]	0.00804	J	(	ND	(	0.0548)	[1]
Di-n-octylphthalate	NA	0.00519	J	(0.0311)	[1]	ND	(0.0314)	[1]	ND	(0.0314)	[1]	0.0167	J	(0.101)	[1]
Dibenz(a,h)anthracene	NA	0.0270	(	0.0162)	[1]	0.0217	(	0.0162)	[1]	0.0217	(	0.0164)	[1]	ND	(	0.0526)	[1]
Dibenzofuran	NA	ND	(	0.0139)	[1]	ND	(	0.0139)	[1]	ND	(	0.0141)	[1]	0.0980	(	0.0453)	[1]
Diethylphthalate	NA	ND	(	0.0115)	[1]	ND	(	0.0115)	[1]	ND	(	0.0116)	[1]	ND	(	0.0373)	[1]
Dimethylphthalate	NA	ND	(	0.00956)	[1]	ND	(	0.00956)	[1]	ND	(	0.00966)	[1]	ND	(	0.0311)	[1]
Diphenylamine/N-NitrosodPA	NA	ND	(	0.0193)	[1]	ND	(	0.0193)	[1]	ND	(	0.0195)	[1]	ND	(	0.0629)	[1]
Fluoranthene	NA	0.0427	(	0.0218)	[1]	0.0683	(	0.0218)	[1]	0.0683	(	0.0220)	[1]	0.165	(	0.0709)	[1]
Fluorene	NA	ND	(	0.0115)	[1]	ND	(	0.0115)	[1]	ND	(	0.0116)	[1]	ND	(	0.0373)	[1]
Hexachlorobenzene	NA	ND	(	0.00799)	[1]	ND	(	0.00799)	[1]	ND	(	0.00808)	[1]	ND	(	0.0260)	[1]
Hexachlorobutadiene	NA	ND	(	0.0238)	[1]	ND	(	0.0238)	[1]	ND	(	0.0241)	[1]	ND	(	0.0775)	[1]
Hexachlorocyclopentadiene	NA	ND	(0.305)	[1]	ND	(0.305)	[1]	ND	(0.308)	[1]	ND	(0.991)	[1]		

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID																			
LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)											
PARAMETER																			

SW8270 - Semivolatile Organics, cont. (mg/kg)																			
Hexachloroethane	NA				ND	(	0.0203)	[1]		ND	(	0.0205)	[1]		ND	(	0.0660)	[1]
Indeno(1,2,3-cd)pyrene	NA				0.0251	(	0.0179)	[1]		0.0285	(	0.0181)	[1]		ND	(	0.0583)	[1]
Isophorone	NA				ND	(	0.00980)	[1]		ND	(	0.00990)	[1]		ND	(	0.0319)	[1]
N-Nitroso-di-n-propylamine	NA				ND	(	0.0256)	[1]		ND	(	0.0259)	[1]		ND	(	0.0834)	[1]
Naphthalene	NA				ND	(	0.0249)	[1]		0.0119	J	(	0.0252)	[1]	11.6	(	0.0810)	[1]
Nitrobenzene	NA				ND	(	0.0180)	[1]		ND	(	0.0182)	[1]		ND	(	0.0586)	[1]
Pentachlorophenol	NA				ND	(	0.0295)	[1]		ND	(	0.0298)	[1]		ND	(	0.0960)	[1]
Phenanthrene	NA				0.0184	J	(	0.0212)	[1]	0.0480	(	0.0215)	[1]		0.382	(	0.0691)	[1]
Phenol	NA				ND	(	0.0136)	[1]		ND	(	0.0138)	[1]		ND	(	0.0443)	[1]
Pyrene	NA				0.0451	(	0.0160)	[1]		0.0663	(	0.0162)	[1]		0.141	(	0.0520)	[1]
bis(2-Chloroethoxy)methane	NA				ND	(	0.0192)	[1]		ND	(	0.0194)	[1]		ND	(	0.0624)	[1]
bis(2-Chloroethyl)ether	NA				ND	(	0.0250)	[1]		ND	(	0.0253)	[1]		ND	(	0.0813)	[1]
bis(2-Chloroisopropyl)ether	NA				ND	(	0.0248)	[1]		ND	(	0.0251)	[1]		ND	(	0.0806)	[1]
bis(2-Ethylhexyl)phthalate	NA				ND	(0.0625)	[1]		0.0711	(0.0632)	[1]		0.0811	J	(0.203)	[1]

SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)																			
Acenaphthene	144	(	89.6)	[2]	NA					NA					NA			
Acenaphthylene	ND	(	172)	[2]	NA					NA					NA			
Anthracene	ND	(	52.8)	[2]	NA					NA					NA			
Benzo(a)anthracene	ND	(	1.58)	[2]	NA					NA					NA			
Benzo(a)pyrene	3.04	JB	(	4.82)	[2]	NA				NA					NA			
Benzo(b)fluoranthene	3.96	J	(	7.58)	[2]	NA				NA					NA			
Benzo(g,h,i)perylene	7.16	J	(	13.8)	[2]	NA				NA					NA			
Benzo(k)fluoranthene	1.03	JB	(	1.52)	[2]	NA				NA					NA			
Chrysene	ND	(	27.6)	[2]	NA					NA					NA			

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER												
Diesel Range Organics (mg/kg)	2600	(20.0)	[1]	1.00 JB	(20.0)	[1]	70.0 B	(20.0)	[1]	50.0 B	(20.0)	[1]
Gasoline Range Organics (mg/kg)	5800	(10.0)	[250]	10.0 J	(10.0)	[1]	13.0	(10.0)	[1]	20.0	(10.0)	[1]
Percent Solid (percent)	19.1	(0.00)	[1]	2.96	(0.00)	[1]	25.5	(0.00)	[1]	26.8	(0.00)	[1]
Percent moisture												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1,2,2-Tetrachloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1,2-Trichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1-Dichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1-Dichloroethene	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,2-Dichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,2-Dichloropropane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
2-Butanone(MEK)	ND	(39000)	[50]	ND	(30.0)	[1]	490 JB	(700)	[1]	19.0 JB	(40.0)	[1]
2-Chloroethyl vinyl ether	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
2-Hexanone	ND	(39000)	[50]	ND	(30.0)	[1]	ND	(700)	[1]	ND	(40.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(39000)	[50]	ND	(30.0)	[1]	ND	(700)	[1]	ND	(40.0)	[1]
Acetone	ND	(130000)	[50]	ND	(100)	[1]	550 J	(3000)	[1]	150	(40.0)	[1]
Benzene	340000	(6000)	[50]	7.10	(5.00)	[1]	160	(100)	[1]	51.0 JB	(100)	[1]
Bromodichloromethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	42.0	(6.00)	[1]
Bromomethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	3.20 J	(6.00)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER												
SW8240 - Volatile Organics, cont. (ug/kg)												
Carbon disulfide	ND	(	13000)	[50]	ND	(	10.0)	[1]	ND	(	300)	[1]
Carbon tetrachloride	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chlorobenzene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chloroethane	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chloroform	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Chloromethane	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Dibromochloromethane	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Ethylbenzene	91000	(	6000)	[50]	22.0	(	5.00)	[1]	1100	(	100)	[1]
Methylene chloride	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Styrene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Tetrachloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Toluene	430000	(	6000)	[50]	74.0	(	5.00)	[1]	ND	(	100)	[1]
Tribromomethane(Bromoform)	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Trichloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
Vinyl acetate	ND	(	65000)	[50]	ND	(	50.0)	[1]	ND	(	1000)	[1]
Vinyl chloride	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
cis-1,2-Dichloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
cis-1,3-Dichloropropene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
m & p-Xylene	510000	(	26000)	[50]	150	(	20.0)	[1]	3900	(	400)	[1]
o-Xylene	190000	(	13000)	[50]	58.0	(	10.0)	[1]	2000	(	300)	[1]
trans-1,2-Dichloroethene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
trans-1,3-Dichloropropene	ND	(	6000)	[50]	ND	(	5.00)	[1]	ND	(	100)	[1]
SW8270 - Semivolatile Organics (mg/kg)												

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	005	005	005	005	0 - 2	4 - 6	005	005	005	005
	05-SB-04	05-SB-05	05-SB-05	05-SB-05	05-SB-05-01	05-SB-05-02	05-SB-05	05-SB-05	05-SB-05	05-SB-05
	05-SB-04-04	05-SB-05-01	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02
	7.5 - 9.5	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2	4 - 6	0 - 2
SW8270 - Semivolatile Organics, cont. (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.614)	[1]	ND	(0.0202)	[1]	ND	(0.0264)	[1]	ND (0.0267) [1]
1,2-Dichlorobenzene	ND	(0.809)	[1]	ND	(0.0266)	[1]	ND	(0.0347)	[1]	ND (0.0351) [1]
1,3-Dichlorobenzene	ND	(0.411)	[1]	ND	(0.0135)	[1]	ND	(0.0177)	[1]	ND (0.0179) [1]
1,4-Dichlorobenzene	ND	(0.839)	[1]	ND	(0.0276)	[1]	ND	(0.0360)	[1]	ND (0.0365) [1]
2,4,5-Trichlorophenol	ND	(0.343)	[1]	ND	(0.0113)	[1]	ND	(0.0147)	[1]	ND (0.0149) [1]
2,4,6-Trichlorophenol	ND	(0.363)	[1]	ND	(0.0119)	[1]	ND	(0.0156)	[1]	ND (0.0157) [1]
2,4-Dichlorophenol	ND	(0.460)	[1]	ND	(0.0152)	[1]	ND	(0.0198)	[1]	ND (0.0200) [1]
2,4-Dimethylphenol	ND	(1.14)	[1]	ND	(0.0376)	[1]	ND	(0.0491)	[1]	ND (0.0496) [1]
2,4-Dinitrophenol	ND	(7.27)	[1]	ND	(0.239)	[1]	ND	(0.312)	[1]	ND (0.316) [1]
2,4-Dinitrotoluene	ND	(0.571)	[1]	ND	(0.0188)	[1]	ND	(0.0245)	[1]	ND (0.0248) [1]
2,6-Dinitrotoluene	ND	(0.359)	[1]	ND	(0.0118)	[1]	ND	(0.0154)	[1]	ND (0.0156) [1]
2-Chloronaphthalene	ND	(0.337)	[1]	ND	(0.0111)	[1]	ND	(0.0145)	[1]	ND (0.0146) [1]
2-Chlorophenol	ND	(0.794)	[1]	ND	(0.0261)	[1]	ND	(0.0341)	[1]	ND (0.0345) [1]
2-Methylnaphthalene	20.0	(0.886)	[1]	ND	(0.0226)	[1]	0.0130 J	(0.0294)	[1]	0.0124 J (0.0298) [1]
2-Methylphenol (o-cresol)	ND	(0.555)	[1]	ND	(0.0183)	[1]	ND	(0.0238)	[1]	ND (0.0241) [1]
2-Nitroaniline	ND	(0.418)	[1]	ND	(0.0137)	[1]	ND	(0.0179)	[1]	ND (0.0181) [1]
2-Nitrophenol	ND	(0.457)	[1]	ND	(0.0150)	[1]	ND	(0.0196)	[1]	ND (0.0199) [1]
3,3'-Dichlorobenzidine	ND	(0.509)	[1]	ND	(0.0168)	[1]	ND	(0.0219)	[1]	ND (0.0221) [1]
3-Nitroaniline	ND	(0.529)	[1]	ND	(0.0174)	[1]	ND	(0.0227)	[1]	ND (0.0230) [1]
4,6-Dinitro-2-methylphenol	ND	(0.823)	[1]	ND	(0.0271)	[1]	ND	(0.0353)	[1]	ND (0.0357) [1]
4-Bromophenyl phenyl ether	ND	(0.474)	[1]	ND	(0.0156)	[1]	ND	(0.0203)	[1]	ND (0.0206) [1]
4-Chloro-3-methylphenol	ND	(0.751)	[1]	ND	(0.0247)	[1]	ND	(0.0323)	[1]	ND (0.0326) [1]
4-Chloroaniline	ND	(0.581)	[1]	ND	(0.0191)	[1]	ND	(0.0249)	[1]	ND (0.0252) [1]
4-Chlorophenyl phenyl ether	ND	(0.548)	[1]	ND	(0.0181)	[1]	ND	(0.0236)	[1]	ND (0.0238) [1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

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A9-16

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	005		005		005		005		005	
	05-SB-04		05-SB-05		05-SB-05-01		05-SB-05		05-SB-05	
	05-SB-04-04		05-SB-05-01		05-SB-05-02		05-SB-05-02		05-SB-05-02	
	7.5 - 9.5		0 - 2		4 - 6		6 - 8		05-SB-05-02 Dup of 05-SB-05-02	
SW8270 - Semivolatile Organics, cont. (mg/kg)										
Hexachlorobenzene	ND	(0.243)	[1]	ND	(0.00800)	[1]	ND	(0.0104)	[1]	ND (0.0106) [1]
Hexachlorobutadiene	ND	(0.725)	[1]	ND	(0.0239)	[1]	ND	(0.0311)	[1]	ND (0.0315) [1]
Hexachlorocyclopentadiene	ND	(9.27)	[1]	ND	(0.305)	[1]	ND	(0.398)	[1]	ND (0.402) [1]
Hexachloroethane	ND	(0.617)	[1]	ND	(0.0203)	[1]	ND	(0.0265)	[1]	ND (0.0266) [1]
Indeno(1,2,3-cd)pyrene	ND	(0.545)	[1]	ND	(0.0180)	[1]	ND	(0.0234)	[1]	ND (0.0237) [1]
Isophorone	ND	(0.298)	[1]	ND	(0.00982)	[1]	ND	(0.0128)	[1]	ND (0.0129) [1]
N-Nitroso-di-n-propylamine	ND	(0.780)	[1]	ND	(0.0257)	[1]	ND	(0.0335)	[1]	ND (0.0339) [1]
Naphthalene	14.9	(0.757)	[1]	ND	(0.0249)	[1]	ND	(0.0325)	[1]	0.0152 J (0.0329) [1]
Nitrobenzene	ND	(0.548)	[1]	ND	(0.0181)	[1]	ND	(0.0236)	[1]	ND (0.0238) [1]
Pentachloropheno]l	ND	(0.897)	[1]	ND	(0.0295)	[1]	ND	(0.0385)	[1]	ND (0.0390) [1]
Phenanthrene	0.359 J	(0.646)	[1]	ND	(0.0213)	[1]	ND	(0.0277)	[1]	0.0155 JB (0.0281) [1]
Phenol	ND	(0.414)	[1]	ND	(0.0136)	[1]	ND	(0.0178)	[1]	ND (0.0180) [1]
Pyrene	ND	(0.486)	[1]	ND	(0.0160)	[1]	ND	(0.0209)	[1]	0.0120 J (0.0211) [1]
bis(2-Chloroethoxy)methane	ND	(0.584)	[1]	ND	(0.0192)	[1]	ND	(0.0251)	[1]	ND (0.0254) [1]
bis(2-Chloroethyl)ether	ND	(0.760)	[1]	ND	(0.0250)	[1]	ND	(0.0327)	[1]	ND (0.0330) [1]
bis(2-Chloroisopropyl)ether	ND	(0.754)	[1]	ND	(0.0248)	[1]	ND	(0.0324)	[1]	ND (0.0328) [1]
bis(2-Ethylhexyl)phthalate	0.485 J	(1.90)	[1]	ND	(0.0626)	[1]	0.0390 J	(0.0816)	[1]	ND (0.0826) [1]

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
Diesel Range Organics (mg/kg)										
Diesel Range Organics	2.00 JB (	20.0)	[1]	8.00 JB (	20.0)	[1]	190	(	20.0)	[1]
Gasoline Range Organics (mg/kg)										
Gasoline Range Organics	1.00 J (	10.0)	[1]	3.00 J (	10.0)	[1]	0.00 JB (	10.0)	[1]	[1]
Percent Solid (percent)	21.1	(	0.00)	[1]	26.1	(	0.00)	[1]	9.96	(
Percent moisture									0.00)	[1]
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1,1,2,2-Tetrachloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1,1,2-Trichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1-Dichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,1-Dichloroethene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,2-Dichloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
1,2-Dichloropropane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
2-Butanone(MEK)	2.00 JB	(	30.0)	[1]	ND	(	50.0)	[1]	ND	(
2-Chloroethyl vinyl ether	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
2-Hexanone	ND	(	30.0)	[1]	ND	(	50.0)	[1]	ND	(
4-Methyl-2-pentanone(MIBK)	ND	(	30.0)	[1]	ND	(	50.0)	[1]	ND	(
Acetone	9.80 JB	(	100)	[1]	130 J	(	200)	[1]	ND	(
Benzene	4.10 J	(	5.00)	[1]	13.0	(	8.00)	[1]	ND	(
Bromodichloromethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
Bromomethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(
Carbon disulfide	ND	(	10.0)	[1]	ND	(	20.0)	[1]	ND	(

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID																	
LOCATION ID																	
SAMPLE ID																	
BEG. DEPTH - END DEPTH (FT.)																	
PARAMETER																	

SW8240 - Volatile Organics, cont. (ug/kg)																	
Carbon tetrachloride	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Chlorobenzene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Chloroethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Chloroform	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Chloromethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Dibromochloromethane	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Ethylbenzene	1.50	J	(5.00)	[1]	ND	(8.00)	[1]	ND	(6.00)	[1]	420	(100)	[1]
Methylene chloride	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Styrene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Tetrachloroethene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Toluene	ND	(5.00)	[1]	ND	(8.00)	[1]	1.50	J	(6.00)	[1]	ND	(100)	[1]
Tribromomethane(Bromoform)	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Trichloroethene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
Vinyl acetate	ND	(	50.0)	[1]	ND	(	80.0)	[1]	ND	(	60.0)	[1]	ND	(	1000)	[1]
Vinyl chloride	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
cis-1,2-Dichloroethene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
cis-1,3-Dichloropropene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
m & p-Xylene	2.80	J	(20.0)	[1]	ND	(30.0)	[1]	ND	(20.0)	[1]	330	(400)	[1]
o-Xylene	1.50	J	(10.0)	[1]	ND	(20.0)	[1]	ND	(10.0)	[1]	ND	(200)	[1]
trans-1,2-Dichloroethene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]
trans-1,3-Dichloropropene	ND	(	5.00)	[1]	ND	(	8.00)	[1]	ND	(	6.00)	[1]	ND	(	100)	[1]

SW8270 - Semivolatile Organics (mg/kg)																	
1,2,4-Trichlorobenzene	ND	(0.0249)	[1]	ND	(0.0266)	[1]	ND	(0.0218)	[1]	ND	(0.0243)	[1]	
1,2-Dichlorobenzene	ND	(0.0328)	[1]	ND	(0.0351)	[1]	ND	(0.0288)	[1]	ND	(0.0320)	[1]	

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)											
	005			005			005			005		
	05-SB-05			05-SB-05			05-SB-06			05-SB-06		
	05-SB-05-03			05-SB-05-04			05-SB-06-01			05-SB-06-02		
	10 - 12			14 - 16			0 - 2			4 - 6		
SW8270 - Semivolatile Organics, cont. (mg/kg)												
1,3-Dichlorobenzene	ND	(0.0167)	[1]	ND	(0.0178)	[1]	ND	(0.0146)	[1]	ND	(0.0163)	[1]
1,4-Dichlorobenzene	ND	(0.0341)	[1]	ND	(0.0364)	[1]	ND	(0.0299)	[1]	ND	(0.0332)	[1]
2,4,5-Trichlorophenol	ND	(0.0139)	[1]	ND	(0.0149)	[1]	ND	(0.0122)	[1]	ND	(0.0136)	[1]
2,4,6-Trichlorophenol	ND	(0.0147)	[1]	ND	(0.0157)	[1]	ND	(0.0129)	[1]	ND	(0.0143)	[1]
2,4-Dichlorophenol	ND	(0.0187)	[1]	ND	(0.0199)	[1]	ND	(0.0164)	[1]	ND	(0.0182)	[1]
2,4-Dimethylphenol	ND	(0.0464)	[1]	ND	(0.0495)	[1]	ND	(0.0406)	[1]	ND	(0.0452)	[1]
2,4-Dinitrophenol	ND	(0.295)	[1]	ND	(0.315)	[1]	ND	(0.259)	[1]	ND	(0.288)	[1]
2,4-Dinitrotoluene	ND	(0.0232)	[1]	ND	(0.0248)	[1]	ND	(0.0203)	[1]	ND	(0.0226)	[1]
2,6-Dinitrotoluene	ND	(0.0146)	[1]	ND	(0.0156)	[1]	ND	(0.0128)	[1]	ND	(0.0142)	[1]
2-Chloronaphthalene	ND	(0.0137)	[1]	ND	(0.0146)	[1]	ND	(0.0120)	[1]	ND	(0.0133)	[1]
2-Chlorophenol	ND	(0.0322)	[1]	ND	(0.0344)	[1]	ND	(0.0282)	[1]	ND	(0.0314)	[1]
2-Methylnaphthalene	ND	(0.0278)	[1]	ND	(0.0297)	[1]	0.0211 J	(0.0244)	[1]	0.0444	(0.0271)	[1]
2-Methylphenol (o-cresol)	ND	(0.0225)	[1]	ND	(0.0240)	[1]	ND	(0.0197)	[1]	ND	(0.0220)	[1]
2-Nitroaniline	ND	(0.0169)	[1]	ND	(0.0181)	[1]	ND	(0.0149)	[1]	ND	(0.0165)	[1]
2-Nitrophenol	ND	(0.0186)	[1]	ND	(0.0198)	[1]	ND	(0.0163)	[1]	ND	(0.0181)	[1]
3,3'-Dichlorobenzidine	ND	(0.0207)	[1]	ND	(0.0221)	[1]	ND	(0.0181)	[1]	ND	(0.0201)	[1]
3-Nitroaniline	ND	(0.0215)	[1]	ND	(0.0229)	[1]	ND	(0.0188)	[1]	ND	(0.0209)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.0334)	[1]	ND	(0.0357)	[1]	ND	(0.0293)	[1]	ND	(0.0326)	[1]
4-Bromophenyl phenyl ether	ND	(0.0192)	[1]	ND	(0.0205)	[1]	ND	(0.0168)	[1]	ND	(0.0187)	[1]
4-Chloro-3-methylphenol	ND	(0.0305)	[1]	ND	(0.0326)	[1]	ND	(0.0267)	[1]	ND	(0.0297)	[1]
4-Chloroaniline	ND	(0.0236)	[1]	ND	(0.0252)	[1]	ND	(0.0207)	[1]	ND	(0.0230)	[1]
4-Chlorophenyl phenyl ether	ND	(0.0223)	[1]	ND	(0.0238)	[1]	ND	(0.0195)	[1]	ND	(0.0217)	[1]
4-Methylphenol (p-cresol)	ND	(0.0242)	[1]	ND	(0.0259)	[1]	ND	(0.0212)	[1]	ND	(0.0236)	[1]
4-Nitroaniline	ND	(0.0204)	[1]	ND	(0.0218)	[1]	ND	(0.0179)	[1]	ND	(0.0199)	[1]
4-Nitrophenol	ND	(0.0291)	[1]	ND	(0.0311)	[1]	ND	(0.0255)	[1]	ND	(0.0284)	[1]

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		005		005	
							05-SB-05		05-SB-06	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	
							05-SB-05-03		05-SB-05-04	
							10 - 12		14 - 16	

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER	005				005				005			
	05-SB-05				05-SB-05				05-SB-06			
	05-SB-05-03				05-SB-05-04				05-SB-06-01			
	10 - 12				14 - 16				0 - 2			
	10 - 12				14 - 16				0 - 2			
SW8270 - Semivolatile Organics, cont. (mg/kg)												
Indeno(1,2,3-cd)pyrene	ND	(0.0221)	[1]	ND	(0.0236)	[1]	ND	(0.0194)	[1]	ND	(0.0216)	[1]
Isophorone	ND	(0.0121)	[1]	ND	(0.0129)	[1]	ND	(0.0106)	[1]	ND	(0.0118)	[1]
N-Nitroso-di-n-propylamine	ND	(0.0317)	[1]	ND	(0.0338)	[1]	ND	(0.0277)	[1]	ND	(0.0309)	[1]
Naphthalene	ND	(0.0307)	[1]	ND	(0.0328)	[1]	0.0142 J	(0.0269)	[1]	0.145	(0.0300)	[1]
Nitrobenzene	ND	(0.0223)	[1]	ND	(0.0238)	[1]	ND	(0.0195)	[1]	ND	(0.0217)	[1]
Pentachlorophenol	ND	(0.0364)	[1]	ND	(0.0389)	[1]	ND	(0.0319)	[1]	ND	(0.0355)	[1]
Phenanthrene	ND	(0.0262)	[1]	ND	(0.0280)	[1]	0.00735 JB	(0.0230)	[1]	ND	(0.0256)	[1]
Phenol	ND	(0.0168)	[1]	ND	(0.0180)	[1]	ND	(0.0147)	[1]	ND	(0.0164)	[1]
Pyrene	ND	(0.0197)	[1]	ND	(0.0211)	[1]	ND	(0.0173)	[1]	ND	(0.0192)	[1]
bis(2-Chloroethoxy)methane	ND	(0.0237)	[1]	ND	(0.0253)	[1]	ND	(0.0208)	[1]	ND	(0.0231)	[1]
bis(2-Chloroethyl)ether	ND	(0.0309)	[1]	ND	(0.0330)	[1]	ND	(0.0270)	[1]	ND	(0.0301)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.0306)	[1]	ND	(0.0327)	[1]	ND	(0.0268)	[1]	ND	(0.0298)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.0772)	[1]	ND	(0.0824)	[1]	ND	(0.0676)	[1]	ND	(0.0752)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)													
	005	005	005	005	005	005	005	005	005	005								
	05-SB-06	05-SB-06	05-SB-06	05-SB-06	05-SB-06	05-SB-06	05-SB-06	05-SB-06	05-SB-06	05-SB-06								
	05-SB-06-03	05-SB-06-04	05-SB-06-04	05-SB-06-04	05-SB-06-04	05-SB-06-04	05-SB-06-04	05-SB-06-04	05-SB-06-04	05-SB-06-04								
	8 - 10	12 - 14	12 - 14	12 - 14	12 - 14	12 - 14	12 - 14	12 - 14	12 - 14	12 - 14								
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5								
Diesel Range Organics (mg/kg)	16.0	JB	(	20.0)	[1]	8.00	JB	(	20.0)	[1]	NA	NA				
Diesel Range Organics	7.00	J	(	10.0)	[1]	6.00	J	(	10.0)	[1]	NA	NA				
Gasoline Range Organics (mg/kg)	24.0	(0.00)	[1]	[1]	23.4	(0.00)	[1]	[1]	13.0	(0.00)	[1]	22.4	(0.00)	[1]
Percent Solid (percent)																		
Percent moisture																		
SW8240 - Volatile Organics (ug/kg)																		
1,1,1-Trichloroethane	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
1,1,2,2-Tetrachloroethane	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
1,1,2-Trichloroethane	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
1,1-Dichloroethane	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
1,1-Dichloroethene	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
1,2-Dichloroethane	ND	(	100)	[1]	[1]	2.30	J	(	6.00)	[1]	NA	NA				
1,2-Dichloropropane	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
2-Butanone(MEK)	500	JB	(	600)	[1]	16.0	JB	(	30.0)	[1]	NA	NA				
2-Chloroethyl vinyl ether	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
2-Hexanone	ND	(	600)	[1]	[1]	ND	(	30.0)	[1]	[1]	NA	NA				
4-Methyl-2-pentanone(MIBK)	ND	(	600)	[1]	[1]	9.40	J	(	30.0)	[1]	NA	NA				
Acetone	440	J	(	3000)	[1]	91.0	J	(	100)	[1]	NA	NA				
Benzene	380	(	100)	[1]	[1]	26.0	(	6.00)	[1]	[1]	NA	NA				
Bromodichloromethane	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
Bromomethane	ND	(	100)	[1]	[1]	ND	(	6.00)	[1]	[1]	NA	NA				
Carbon disulfide	ND	(	300)	[1]	[1]	ND	(	10.0)	[1]	[1]	NA	NA				

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				005				005				005			
	LOCATION ID		SAMPLE ID																	
SW8240 - Volatile Organics, cont. (ug/kg)																				
Carbon tetrachloride	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Chlorobenzene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Chloroethane	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Chloroform	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Chloromethane	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Dibromochloromethane	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Ethylbenzene	650	(	100)	[1]	58.0	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Methylene chloride	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Styrene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Tetrachloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Toluene	ND	(	100)	[1]	3.40	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Tribromomethane(Bromoform)	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Trichloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Vinyl acetate	ND	(	1000)	[1]	ND	(	60.0)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
Vinyl chloride	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
cis-1,2-Dichloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
cis-1,3-Dichloropropene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
m & p-Xylene	1000	(	400)	[1]	1.90	(	20.0)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
o-Xylene	ND	(	300)	[1]	ND	(	10.0)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
trans-1,2-Dichloroethene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
trans-1,3-Dichloropropene	ND	(	100)	[1]	ND	(	6.00)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
SW8270 - Semivolatile Organics (mg/kg)																				
1,2,4-Trichlorobenzene	ND	(	0.0259)	[1]	ND	(	0.0257)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA
1,2-Dichlorobenzene	ND	(	0.0341)	[1]	ND	(	0.0339)	[1]	NA	NA	05-SB-06	05-SB-06-04	12 - 14	05-SB-16	05-SB-16-01	0 - 0.5	05-SB-17	05-SB-17-01	0 - 0.5	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	005				005				005				005			
	05-SB-06				05-SB-06				05-SS-16				05-SS-17			
	05-SB-06-03				05-SB-06-04				05-SS-16-01				05-SS-17-01			
	8 - 10				12 - 14				0 - 0.5				0 - 0.5			
SW8270 - Semivolatile Organics, cont. (mg/kg)																
Acenaphthene	ND	(	0.0209	)	[1]	ND	(	0.0208	)	[1]	NA		NA			NA
Acenaphthylene	ND	(	0.00989	)	[1]	ND	(	0.00982	)	[1]	NA		NA			NA
Anthracene	ND	(	0.0254	)	[1]	ND	(	0.0253	)	[1]	NA		NA			NA
Benzo(a)anthracene	ND	(	0.0225	)	[1]	ND	(	0.0224	)	[1]	NA		NA			NA
Benzo(a)pyrene	ND	(	0.0168	)	[1]	0.0183	(	0.0166	)	[1]	NA		NA			NA
Benzo(b)fluoranthene	ND	(	0.0249	)	[1]	ND	(	0.0247	)	[1]	NA		NA			NA
Benzo(g,h,i)perylene	ND	(	0.0213	)	[1]	ND	(	0.0212	)	[1]	NA		NA			NA
Benzo(k)fluoranthene	ND	(	0.0424	)	[1]	ND	(	0.0421	)	[1]	NA		NA			NA
Benzoic acid	0.0311 J	(	0.173	)	[1]	0.0365 J	(	0.172	)	[1]	NA		NA			NA
Benzyl alcohol	ND	(	0.0473	)	[1]	ND	(	0.0469	)	[1]	NA		NA			NA
Butylbenzylphthalate	ND	(	0.0172	)	[1]	ND	(	0.0171	)	[1]	NA		NA			NA
Chrysene	ND	(	0.0293	)	[1]	ND	(	0.0291	)	[1]	NA		NA			NA
Di-n-butylphthalate	ND	(	0.0216	)	[1]	ND	(	0.0214	)	[1]	NA		NA			NA
Di-n-octylphthalate	ND	(	0.0399	)	[1]	ND	(	0.0396	)	[1]	NA		NA			NA
Dibenz(a,h)anthracene	ND	(	0.0207	)	[1]	ND	(	0.0206	)	[1]	NA		NA			NA
Dibenzofuran	ND	(	0.0179	)	[1]	ND	(	0.0177	)	[1]	NA		NA			NA
Diethylphthalate	ND	(	0.0147	)	[1]	ND	(	0.0146	)	[1]	NA		NA			NA
Dimethylphthalate	ND	(	0.0123	)	[1]	ND	(	0.0122	)	[1]	NA		NA			NA
Diphenylamine/N-NitrosodPA	ND	(	0.0248	)	[1]	ND	(	0.0246	)	[1]	NA		NA			NA
Fluoranthene	ND	(	0.0279	)	[1]	ND	(	0.0277	)	[1]	NA		NA			NA
Fluorene	ND	(	0.0147	)	[1]	ND	(	0.0146	)	[1]	NA		NA			NA
Hexachlorobenzene	ND	(	0.0102	)	[1]	ND	(	0.0102	)	[1]	NA		NA			NA
Hexachlorobutadiene	ND	(	0.0305	)	[1]	ND	(	0.0303	)	[1]	NA		NA			NA
Hexachlorocyclopentadiene	ND	(	0.390	)	[1]	ND	(	0.388	)	[1]	NA		NA			NA
Hexachloroethane	ND	(	0.0260	)	[1]	ND	(	0.0258	)	[1]	NA		NA			NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW8270 - Semivolatile Organics, cont. (mg/kg)	005		005		005	
	05-SB-06		05-SB-06		05-SS-16	
	05-SB-06-03		05-SB-06-04		05-SS-16-01	
	8 - 10		12 - 14		0 - 0.5	
Indeno(1,2,3-cd)pyrene	ND		ND		NA	
	(0.0230)		(0.0228)		[1]	
	ND		ND		NA	
	(0.0126)		(0.0125)		[1]	
	ND		ND		NA	
	(0.0329)		(0.0326)		[1]	
	ND		ND		NA	
	(0.0319)		(0.0317)		[1]	
	ND		ND		NA	
	(0.0231)		(0.0230)		[1]	
	ND		ND		NA	
	(0.0378)		(0.0376)		[1]	
	ND		ND		NA	
	(0.0272)		(0.0270)		[1]	
Phenanthrene	ND		0.00852 JB		NA	
	(0.0175)		(0.0173)		[1]	
	ND		ND		NA	
	(0.0205)		(0.0203)		[1]	
	ND		ND		NA	
	(0.0246)		(0.0244)		[1]	
	ND		ND		NA	
	(0.0320)		(0.0318)		[1]	
	ND		ND		NA	
	(0.0318)		(0.0316)		[1]	
	ND		ND		NA	
	(0.0801)		(0.0796)		[1]	

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9 ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
Diesel Range Organics (mg/kg)	005	005	008	008	05-SS-21	05-SS-22	06-SB-03	06-SB-03
Diesel Range Organics	05-SS-21-01	05-SS-22-01	06-SB-03-01	06-SB-03-02	0 - 0.5	0 - 0.5	0 - 2	4 - 6
Gasoline Range Organics (mg/kg)	NA	NA	81.0	B	(	20.0)	(	20.0)
Gasoline Range Organics	NA	NA	41.0	(	10.0)	(	10.0)	(
Percent Solid (percent)	22.4	(	0.00)	(	0.00)	(	0.00)	(
Percent moisture	17.9	(	0.00)	(	0.00)	(	0.00)	(
SW8240 - Volatile Organics (ug/kg)	NA	NA	ND	(	2000)	(	2000)	(
1,1,1-Trichloroethane	NA	NA	ND	(	2000)	(	2000)	(
1,1,2,2-Tetrachloroethane	NA	NA	ND	(	2000)	(	2000)	(
1,1,2-Trichloroethane	NA	NA	ND	(	2000)	(	2000)	(
1,1-Dichloroethane	NA	NA	ND	(	2000)	(	2000)	(
1,1-Dichloroethene	NA	NA	ND	(	2000)	(	2000)	(
1,2-Dichloroethane	NA	NA	ND	(	2000)	(	2000)	(
1,2-Dichloropropane	NA	NA	ND	(	2000)	(	2000)	(
2-Butanone(MEK)	NA	NA	ND	(	12000)	(	11000)	(
2-Chloroethyl vinyl ether	NA	NA	ND	(	2000)	(	2000)	(
2-Hexanone	NA	NA	ND	(	12000)	(	11000)	(
4-Methyl-2-pentanone(MIBK)	NA	NA	ND	(	12000)	(	11000)	(
Acetone	NA	NA	ND	(	48000)	(	42000)	(
Benzene	NA	NA	6600	(	2000)	(	2000)	(
Bromodichloromethane	NA	NA	ND	(	2000)	(	2000)	(
Bromomethane	NA	NA	ND	(	2000)	(	2000)	(
Carbon disulfide	NA	NA	ND	(	5000)	(	4000)	(

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW8240 - Volatile Organics, cont. (ug/kg)	005	005	008	008
	05-SS-21	05-SS-22	06-SB-03	06-SB-03
	05-SS-21-01	05-SS-22-01	06-SB-03-01	06-SB-03-02
	0 - 0.5	0 - 0.5	0 - 2	4 - 6
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	35000	51000
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	71000	230000
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
	NA	NA	ND	ND
NA	NA	280000	160000	
NA	NA	140000	60000	
NA	NA	ND	ND	
NA	NA	ND	ND	
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	NA	NA	ND	ND
1,2-Dichlorobenzene	NA	NA	ND	ND

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	005	005	005	005	008	008
	05-SS-21	05-SS-22	05-SS-22	06-SB-03	06-SB-03	06-SB-03
	05-SS-21-01	05-SS-22-01	05-SS-22-01	06-SB-03-01	06-SB-03-02	06-SB-03-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 2	4 - 6	4 - 6

SW8270 - Semivolatile Organics, cont. (mg/kg)						
1,3-Dichlorobenzene	NA	NA	NA	ND (0.0279)	[1]	ND (0.760)
1,4-Dichlorobenzene	NA	NA	NA	ND (0.0229)	[1]	ND (0.623)
2,4,5-Trichlorophenol	NA	NA	NA	ND (0.0198)	[1]	ND (0.539)
2,4,6-Trichlorophenol	NA	NA	NA	ND (0.0197)	[1]	ND (0.536)
2,4-Dichlorophenol	NA	NA	NA	ND (0.0222)	[1]	ND (0.603)
2,4-Dimethylphenol	NA	NA	NA	ND (0.0506)	[1]	ND (1.38)
2,4-Dinitrophenol	NA	NA	NA	ND (0.163)	[1]	ND (4.43)
2,4-Dinitrotoluene	NA	NA	NA	ND (0.0230)	[1]	ND (0.626)
2,6-Dinitrotoluene	NA	NA	NA	ND (0.0335)	[1]	ND (0.912)
2-Chloronaphthalene	NA	NA	NA	ND (0.0153)	[1]	ND (0.415)
2-Chlorophenol	NA	NA	NA	ND (0.0247)	[1]	ND (0.673)
2-Methylnaphthalene	NA	NA	NA	0.0440 (0.0142)	[1]	33.5 (0.386)
2-Methylphenol (o-cresol)	NA	NA	NA	ND (0.0121)	[1]	ND (0.328)
2-Nitroaniline	NA	NA	NA	ND (0.0258)	[1]	ND (0.702)
2-Nitrophenol	NA	NA	NA	ND (0.0203)	[1]	ND (0.553)
3,3'-Dichlorobenzidine	NA	NA	NA	ND (0.0130)	[1]	ND (0.353)
3-Nitroaniline	NA	NA	NA	ND (0.0153)	[1]	ND (0.416)
4,6-Dinitro-2-methylphenol	NA	NA	NA	ND (0.0167)	[1]	ND (0.456)
4-Bromophenyl phenyl ether	NA	NA	NA	ND (0.0188)	[1]	ND (0.513)
4-Chloro-3-methylphenol	NA	NA	NA	ND (0.0201)	[1]	ND (0.546)
4-Chloroaniline	NA	NA	NA	ND (0.0290)	[1]	3.23 (0.789)
4-Chlorophenyl phenyl ether	NA	NA	NA	ND (0.0164)	[1]	ND (0.446)
4-Methylphenol(p-cresol)	NA	NA	NA	ND (0.0179)	[1]	ND (0.486)
4-Nitroaniline	NA	NA	NA	ND (0.0236)	[1]	ND (0.642)
4-Nitrophenol	NA	NA	NA	ND (0.0365)	[1]	ND (0.993)

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID		SAMPLE ID		
	005	005	008	008	
	05-SS-21	05-SS-22	06-SB-03	06-SB-03	
	05-SS-21-01	05-SS-22-01	06-SB-03-01	06-SB-03-02	
	0 - 0.5	0 - 0.5	0 - 2	4 - 6	

SW8270 - Semivolatile Organics, cont. (mg/kg)					
Acenaphthene	NA	NA	ND	[1]	(0.288) [1]
Acenaphthylene	NA	NA	ND	[1]	(0.443) [1]
Anthracene	NA	NA	ND	[1]	(0.390) [1]
Benzo(a)anthracene	NA	NA	ND	[1]	(0.476) [1]
Benzo(a)pyrene	NA	NA	ND	[1]	(0.549) [1]
Benzo(b)fluoranthene	NA	NA	ND	[1]	(0.962) [1]
Benzo(g,h,i)perylene	NA	NA	ND	[1]	(1.08) [1]
Benzo(k)fluoranthene	NA	NA	ND	[1]	(1.06) [1]
Benzoic acid	NA	NA	ND	[1]	(40.9) [1]
Benzyl alcohol	NA	NA	ND	[1]	(0.646) [1]
Butylbenzylphthalate	NA	NA	ND	[1]	(0.662) [1]
Chrysene	NA	NA	ND	[1]	(0.569) [1]
Di-n-butylphthalate	NA	NA	ND	[1]	(0.343) [1]
Di-n-octylphthalate	NA	NA	ND	[1]	(0.373) [1]
Dibenz(a,h)anthracene	NA	NA	ND	[1]	(0.859) [1]
Dibenzofuran	NA	NA	ND	[1]	(0.569) [1]
Diethylphthalate	NA	NA	ND	[1]	(0.546) [1]
Dimethylphthalate	NA	NA	ND	[1]	(0.356) [1]
Diphenylamine/N-NitrosoDPA	NA	NA	ND	[1]	(0.285) [1]
Fluoranthene	NA	NA	ND	[1]	(0.499) [1]
Fluorene	NA	NA	0.836	[1]	(0.403) [1]
Hexachlorobenzene	NA	NA	ND	[1]	(0.333) [1]
Hexachlorobutadiene	NA	NA	ND	[1]	(0.542) [1]
Hexachlorocyclopentadiene	NA	NA	ND	[1]	(6.24) [1]
Hexachloroethane	NA	NA	ND	[1]	(0.673) [1]

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995
 () = Detection Limit
 [] = Dilution Factor
 ND = Not Detected
 NA = Not Applicable
 R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
Diesel Range Organics (mg/kg)			008	008	008	008	008	008	008	008
			06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03
			06-SB-03-03	06-SB-03-DS-03 Dup of	06-SB-03-03	06-SB-03-03	06-SB-03-04	06-SB-03-04	06-SB-03-04	06-SB-03-04
			8 - 10	8 - 10	8 - 10	8 - 10	14 - 16	14 - 16	14 - 16	0 - 0.5
Diesel Range Organics	11000	(20.0)	[25]	12000	(20.0)	[50]	59.0 B	(20.0)	[1]	NA
Gasoline Range Organics (mg/kg)	8200	(10.0)	[100]	8600	(10.0)	[100]	1.00 J	(10.0)	[1]	NA
Percent Solid (percent)	25.0	(0.00)	[1]	25.4	(0.00)	[1]	10.3	(0.00)	[1]	12.2
Percent moisture										(0.00)
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
1,1,2,2-Tetrachloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
1,1,2-Trichloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
1,1-Dichloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
1,1-Dichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
1,2-Dichloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
1,2-Dichloropropane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
2-Butanone(MEK)	ND	(39000)	[50]	ND	(41000)	[50]	18.0 JB	(30.0)	[1]	NA
2-Chloroethyl vinyl ether	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
2-Hexanone	ND	(39000)	[50]	ND	(41000)	[50]	ND	(30.0)	[1]	NA
4-Methyl-2-pentanone(MIBK)	ND	(39000)	[50]	ND	(41000)	[50]	2.70 J	(30.0)	[1]	NA
Acetone	ND	(130000)	[50]	27000 J	(140000)	[50]	92.0 J	(100)	[1]	NA
Benzene	68000	(6000)	[50]	76000	(7000)	[50]	0.800 J	(5.00)	[1]	NA
Bromodichloromethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA
Bromomethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	008	008	008	008	008	008	008	008
	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03
	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03
	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	14 - 16	14 - 16	0 - 0.5
SW8240 - Volatile Organics, cont. (ug/kg)								
Carbon disulfide	ND	(13000)	[50]	ND	(14000)	[50]	ND	(10.0)
Carbon tetrachloride	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chlorobenzene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloroform	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloromethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Dibromochloromethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Ethylbenzene	100000	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Methylene chloride	ND	(6000)	[50]	120000	(7000)	[50]	1.00 J	(5.00)
Styrene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Tetrachloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Toluene	480000	(6000)	[50]	550000	(7000)	[50]	4.10 J	(5.00)
Tribromomethane(Bromoform)	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Trichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Vinyl acetate	ND	(65000)	[50]	ND	(68000)	[50]	ND	(50.0)
Vinyl chloride	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
cis-1,2-Dichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
cis-1,3-Dichloropropene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
m & p-Xylene	340000	(26000)	[50]	310000	(27000)	[50]	3.50 J	(20.0)
o-Xylene	1100000	(13000)	[50]	130000	(14000)	[50]	1.60 J	(10.0)
trans-1,2-Dichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
trans-1,3-Dichloropropene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
SW8270 - Semivolatile Organics (mg/kg)								

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
	008		008		008					
	06-SB-03	06-SB-03	06-SB-03-DS-03 Dup of	06-SB-03-03	06-SB-03	06-SB-03-04	06-SB-03-01			
	8 - 10	8 - 10	8 - 10	8 - 10	14 - 16	0 - 0.5				
SW8270 - Semivolatile Organics, cont. (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.769)	[1]	ND	(0.685)	[1]	ND	(0.0649)	[1]	NA
1,2-Dichlorobenzene	ND	(0.830)	[1]	ND	(0.740)	[1]	ND	(0.0701)	[1]	NA
1,3-Dichlorobenzene	ND	(0.937)	[1]	ND	(0.836)	[1]	ND	(0.0791)	[1]	NA
1,4-Dichlorobenzene	ND	(0.769)	[1]	ND	(0.685)	[1]	ND	(0.0649)	[1]	NA
2,4,5-TrichlorophenoI	ND	(0.665)	[1]	ND	(0.593)	[1]	ND	(0.0562)	[1]	NA
2,4,6-TrichlorophenoI	ND	(0.661)	[1]	ND	(0.590)	[1]	ND	(0.0559)	[1]	NA
2,4-DichlorophenoI	ND	(0.744)	[1]	ND	(0.663)	[1]	ND	(0.0628)	[1]	NA
2,4-DimethylphenoI	ND	(1.70)	[1]	ND	(1.52)	[1]	ND	(0.143)	[1]	NA
2,4-Dinitrophenol	ND	(5.46)	[1]	ND	(4.87)	[1]	ND	(0.461)	[1]	NA
2,4-Dinitrotoluene	ND	(0.773)	[1]	ND	(0.689)	[1]	ND	(0.0652)	[1]	NA
2,6-Dinitrotoluene	ND	(1.13)	[1]	ND	(1.00)	[1]	ND	(0.0950)	[1]	NA
2-Chloronaphthalene	ND	(0.512)	[1]	ND	(0.457)	[1]	ND	(0.0433)	[1]	NA
2-ChlorophenoI	ND	(0.830)	[1]	ND	(0.740)	[1]	ND	(0.0701)	[1]	NA
2-Methylnaphthalene	56.7	(0.476)	[1]	54.4	(0.424)	[1]	1.41	(0.0402)	[1]	NA
2-MethylphenoI (o-cresol)	ND	(0.405)	[1]	ND	(0.361)	[1]	0.0822	(0.0342)	[1]	NA
2-Nitroaniline	ND	(0.867)	[1]	ND	(0.773)	[1]	ND	(0.0732)	[1]	NA
2-Nitrophenol	ND	(0.682)	[1]	ND	(0.608)	[1]	ND	(0.0576)	[1]	NA
3,3'-Dichlorobenzidine	ND	(0.435)	[1]	ND	(0.388)	[1]	ND	(0.0368)	[1]	NA
3-Nitroaniline	ND	(0.514)	[1]	ND	(0.458)	[1]	ND	(0.0434)	[1]	NA
4,6-Dinitro-2-methylphenol	ND	(0.562)	[1]	ND	(0.501)	[1]	ND	(0.0475)	[1]	NA
4-Bromophenyl phenyl ether	ND	(0.633)	[1]	ND	(0.564)	[1]	ND	(0.0534)	[1]	NA
4-Chloro-3-methylphenol	ND	(0.673)	[1]	ND	(0.600)	[1]	ND	(0.0568)	[1]	NA
4-Chloroaniline	5.06	(0.974)	[1]	5.04	(0.868)	[1]	0.128	(0.0822)	[1]	NA
4-Chlorophenyl phenyl ether	ND	(0.550)	[1]	ND	(0.491)	[1]	ND	(0.0465)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit

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NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID											
LOCATION ID											
SAMPLE ID											
BEG. DEPTH - END DEPTH (FT.)											
008											
06-SB-03											
06-SB-03-03											
06-SB-03-DS-03 Dup of											
06-SB-03-03											
8 - 10											
14 - 16											
0 - 0.5											
PARAMETER	008	06-SB-03	06-SB-03-03	06-SB-03-DS-03 Dup of	06-SB-03-03	0.170	F	(	0.0507)	[1]	NA
SW8270 - Semivolatile Organics, cont. (mg/kg)											
4-Methylphenol(p-cresol)	ND	(0.600)	[1]	ND	(0.535)	[1]	ND	(0.706)	[1]	ND	NA
4-Nitroaniline	ND	(0.792)	[1]	ND	(1.09)	[1]	ND	(0.103)	[1]	ND	NA
4-Nitrophenol	ND	(0.356)	[1]	ND	(0.487)	[1]	ND	(0.0300)	[1]	ND	NA
Acenaphthene	ND	(0.546)	[1]	ND	(0.429)	[1]	ND	(0.0461)	[1]	ND	NA
Acenaphthylene	ND	(0.481)	[1]	ND	(0.523)	[1]	ND	(0.0406)	[1]	ND	NA
Anthracene	ND	(0.587)	[1]	ND	(0.604)	[1]	ND	(0.0496)	[1]	ND	NA
Benzo(a)anthracene	ND	(0.677)	[1]	ND	(1.06)	[1]	ND	(0.0572)	[1]	ND	NA
Benzo(a)pyrene	ND	(1.19)	[1]	ND	(1.19)	[1]	ND	(0.100)	[1]	ND	NA
Benzo(b)fluoranthene	ND	(1.33)	[1]	ND	(1.16)	[1]	ND	(0.113)	[1]	ND	NA
Benzo(g,h,i)perylene	ND	(1.31)	[1]	ND	(45.0)	[1]	ND	(0.110)	[1]	ND	NA
Benzo(k)fluoranthene	ND	(50.5)	[1]	ND	(0.711)	[1]	ND	(4.26)	[1]	ND	NA
Benzoic acid	ND	(0.797)	[1]	ND	(0.729)	[1]	ND	(0.0673)	[1]	ND	NA
Benzyl alcohol	ND	(0.817)	[1]	ND	(0.626)	[1]	ND	(0.0690)	[1]	ND	NA
Butylbenzylphthalate	ND	(0.702)	[1]	ND	(0.378)	[1]	ND	(0.0593)	[1]	ND	NA
Chrysene	ND	(0.424)	[1]	ND	(0.410)	[1]	ND	(0.0358)	[1]	ND	NA
Di-n-butylphthalate	ND	(0.460)	[1]	ND	(0.945)	[1]	ND	(0.0389)	[1]	ND	NA
Di-n-octylphthalate	ND	(1.06)	[1]	ND	(0.626)	[1]	ND	(0.0895)	[1]	ND	NA
Dibenz(a,h)anthracene	1.41	(0.702)	[1]	1.05	(0.600)	[1]	0.0482	J	(0.0593)	[1]	NA
Dibenzofuran	ND	(0.673)	[1]	ND	(0.392)	[1]	ND	(0.0568)	[1]	ND	NA
Diethylphthalate	ND	(0.439)	[1]	ND	(0.314)	[1]	ND	(0.0371)	[1]	ND	NA
Dimethylphthalate	ND	(0.352)	[1]	ND	(0.549)	[1]	ND	(0.0297)	[1]	ND	NA
Diphenylamine/N-NitrosodPA	ND	(0.616)	[1]	ND	(0.443)	[1]	ND	(0.0520)	[1]	ND	NA
Fluoranthene	1.37	(0.497)	[1]	1.22	(0.443)	[1]	0.0400	J	(0.0419)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
SW8270 - Semivolatile Organics, cont. (mg/kg)	008	008	008	008	008	008	008	008
	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SS-07
	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-04	06-SB-03-04	06-SS-07-01
	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	14 - 16	14 - 16	0 - 0.5
	ND	(0.410)	[1]	ND	(0.366)	[1]	ND	NA
Hexachlorobenzene	ND	(0.669)	[1]	ND	(0.597)	[1]	ND	NA
Hexachlorobutadiene	ND	(7.70)	[1]	ND	(6.87)	[1]	ND	NA
Hexachlorocyclopentadiene	ND	(0.830)	[1]	ND	(0.740)	[1]	ND	NA
Hexachloroethane	ND	(1.74)	[1]	ND	(1.55)	[1]	ND	NA
Indeno(1,2,3-cd)pyrene	ND	(0.805)	[1]	ND	(0.718)	[1]	ND	NA
Isophorone	ND	(0.855)	[1]	ND	(0.762)	[1]	ND	NA
N-Nitroso-di-n-propylamine	22.0	(0.625)	[1]	23.1	(0.557)	[1]	0.538	NA
Naphthalene	ND	(1.10)	[1]	ND	(0.981)	[1]	ND	NA
Nitrobenzene	ND	(1.16)	[1]	ND	(1.04)	[1]	ND	NA
Pentachlorophenol	0.736	(0.612)	[1]	0.716	(0.546)	[1]	ND	NA
Phenanthrene	ND	(1.15)	[1]	ND	(1.03)	[1]	ND	NA
Phenol	ND	(0.533)	[1]	ND	(0.476)	[1]	ND	NA
Pyrene	ND	(0.792)	[1]	ND	(0.706)	[1]	ND	NA
bis(2-Chloroethoxy)methane	ND	(0.501)	[1]	ND	(0.446)	[1]	ND	NA
bis(2-Chloroethyl)ether	ND	(1.04)	[1]	ND	(0.930)	[1]	ND	NA
bis(2-Chloroisopropyl)ether	3.62	(0.759)	[1]	2.58	(0.677)	[1]	0.164	NA
bis(2-Ethylhexyl)phthalate								

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID						LOCATION ID									
	SAMPLE ID						SAMPLE ID									
	BEG. DEPTH - END DEPTH (FT.)															
	008	008	008	008	008	008										
	06-SS-11	06-SS-12	06-SS-13	06-SS-14	06-SS-15	06-SS-16										
	06-SS-11-DS-01 Dup of	06-SS-12-01	06-SS-13-01	06-SS-14-01	06-SS-15-01	06-SS-16-01										
	06-SS-11-01															
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5										
Percent Solid (percent)	12.1	(0.00)	[1]	18.8	(0.00)	[1]	18.5	(0.00)	[1]	20.5	(0.00)	[1]
Percent moisture																

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID									
LOCATION ID									
SAMPLE ID									
BEG. DEPTH - END DEPTH (FT.)									
3									
07-HA-01									
07-HA-02-01									
0 - 1									
3									
07-HA-03									
07-HA-03-01									
8 - 9									
3									
07-HA-04									
07-HA-04-02									
0 - 1									

PARAMETER									
SW8240 - Volatile Organics, cont. (ug/kg)									
Carbon tetrachloride	ND	(1.56)	[1]	NA	ND	(2.01)	[1]
Chlorobenzene	ND	(1.26)	[1]	NA	ND	(1.61)	[1]
Chloroethane	ND	(2.15)	[1]	NA	ND	(2.76)	[1]
Chloroform	ND	(1.79)	[1]	NA	ND	(2.30)	[1]
Chloromethane	ND	(6.13)	[1]	NA	ND	(7.88)	[1]
Dibromochloromethane	ND	(1.44)	[1]	NA	ND	(1.85)	[1]
Ethylbenzene	ND	(1.10)	[1]	NA	ND	(1.41)	[1]
Methylene chloride	ND	(2.38)	[1]	NA	10.8 B	(3.05)	[1]
Styrene	ND	(2.05)	[1]	NA	ND	(2.63)	[1]
Tetrachloroethene	ND	(1.71)	[1]	NA	ND	(2.20)	[1]
Toluene	ND	(2.26)	[1]	NA	ND	(2.91)	[1]
Tribromomethane(Bromoform)	ND	(1.71)	[1]	NA	ND	(2.20)	[1]
Trichloroethene	ND	(3.63)	[1]	NA	ND	(4.67)	[1]
Vinyl acetate	ND	(10.8)	[1]	NA	ND	(13.9)	[1]
Vinyl chloride	ND	(2.84)	[1]	NA	ND	(3.65)	[1]
Xylene (total)	ND	(5.09)	[1]	NA	1.83 J	(6.55)	[1]
cis-1,3-Dichloropropene	ND	(1.36)	[1]	NA	ND	(1.75)	[1]
trans-1,2-Dichloroethene	ND	(2.20)	[1]	NA	ND	(2.82)	[1]
trans-1,3-Dichloropropene	ND	(1.46)	[1]	NA	ND	(1.88)	[1]

SW8270 - Semivolatile Organics (mg/kg)									
1,2,4-Trichlorobenzene	ND	(0.0222)	[1]	NA	ND	(0.0871)	[1]
1,2-Dichlorobenzene	ND	(0.0240)	[1]	NA	ND	(0.0940)	[1]
1,3-Dichlorobenzene	ND	(0.0271)	[1]	NA	ND	(0.106)	[1]
1,4-Dichlorobenzene	ND	(0.0222)	[1]	NA	ND	(0.0871)	[1]

SW8240 - Volatile Organics, cont. (ug/kg)									
Carbon tetrachloride	ND	(1.56)	[1]	NA	ND	(2.01)	[1]
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Methylene chloride	ND	(2.38)	[1]	NA	10.8 B	(3.05)	[1]
Styrene	ND	(2.05)	[1]	NA	ND	(2.63)	[1]
Tetrachloroethene	ND	(1.71)	[1]	NA	ND	(2.20)	[1]
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1,3-Dichlorobenzene	ND	(0.0271)	[1]	NA	ND	(0.106)	[1]
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1,3-Dichlorobenzene	ND	(0.0271)	[1]	NA	ND	(0.106)	[1]
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Xylene (total)	ND	(5.09)	[1]	NA	1.83 J	(6.55)	[1]
cis-1,3-Dichloropropene	ND	(1.36)	[1]	NA	ND	(1.75)	[1]
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1,2,4-Trichlorobenzene	ND	(0.0222)	[1]	NA	ND	(0.0871)	[1]
1,2-Dichlorobenzene	ND	(0.0240)	[1]	NA	ND	(0.0940)	[1]
1,3-Dichlorobenzene	ND	(0.0271)	[1]	NA	ND	(0.106)	[1]
1,4-Dichlorobenzene	ND	(0.0222)	[1]	NA	ND	(0.0871)	[1]

SW8240 - Volatile Organics, cont. (ug/kg)									
Carbon tetrachloride	ND	(1.56)	[1]	NA	ND	(2.01)	[1]
Chlorobenzene	ND	(1.26)	[1]	NA	ND	(1.61)	[1]
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Chloroform	ND	(1.79)	[1]	NA	ND	(2.30)	[1]
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Toluene	ND	(2.26)	[1]	NA	ND	(2.91)	[1]
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Trichloroethene	ND	(3.63)	[1]	NA	ND	(4.67)	[1]
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Xylene (total)	ND	(5.09)	[1]	NA	1.83 J	(6.55)	[1]
cis-1,3-Dichloropropene	ND	(1.36)	[1]	NA	ND	(1.75)	[1]
trans-1,2-Dichloroethene	ND	(2.20)	[1]					

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	3		3					
	07-HA-01	07-HA-02	07-HA-03	07-HA-04	07-HA-03-01	07-HA-04-02	07-HA-03-02	07-HA-04-03
	0 - 1	4 - 5	8 - 9	0 - 1	8 - 9	0 - 1	0 - 1	0 - 1

SW8270 - Semivolatile Organics, cont. (mg/kg)								
2,4,5-Trichlorophenol	ND	(0.0192)	[1]	NA	ND	(0.0754)	[1]	ND (0.0194) [1]
2,4,6-Trichlorophenol	ND	(0.0191)	[1]	NA	ND	(0.0749)	[1]	ND (0.0193) [1]
2,4-Dichlorophenol	ND	(0.0215)	[1]	NA	ND	(0.0843)	[1]	ND (0.0216) [1]
2,4-Dimethylphenol	ND	(0.0491)	[1]	NA	ND	(0.192)	[1]	ND (0.0495) [1]
2,4-Dinitrophenol	ND	(0.158)	[1]	NA	ND	(0.619)	[1]	ND (0.159) [1]
2,4-Dinitrotoluene	ND	(0.0223)	[1]	NA	ND	(0.0875)	[1]	ND (0.0225) [1]
2,6-Dinitrotoluene	ND	(0.0325)	[1]	NA	ND	(0.127)	[1]	ND (0.0328) [1]
2-Chloronaphthalene	ND	(0.0148)	[1]	NA	ND	(0.0580)	[1]	ND (0.0149) [1]
2-Chlorophenol	ND	(0.0240)	[1]	NA	ND	(0.0940)	[1]	ND (0.0242) [1]
2-Methylnaphthalene	ND	(0.0138)	[1]	NA	ND	(0.0539)	[1]	ND (0.0138) [1]
2-Methylphenol (o-cresol)	ND	(0.0117)	[1]	NA	ND	(0.0459)	[1]	ND (0.0118) [1]
2-Nitroaniline	ND	(0.0251)	[1]	NA	ND	(0.0982)	[1]	ND (0.0252) [1]
2-Nitrophenol	ND	(0.0197)	[1]	NA	ND	(0.0773)	[1]	ND (0.0199) [1]
3,3'-Dichlorobenzidine	ND	(0.0126)	[1]	NA	ND	(0.0493)	[1]	ND (0.0127) [1]
3-Nitroaniline	ND	(0.0149)	[1]	NA	ND	(0.0582)	[1]	ND (0.0150) [1]
4,6-Dinitro-2-methylphenol	ND	(0.0162)	[1]	NA	ND	(0.0637)	[1]	ND (0.0164) [1]
4-Bromophenyl phenyl ether	ND	(0.0183)	[1]	NA	ND	(0.0717)	[1]	ND (0.0184) [1]
4-Chloro-3-methylphenol	ND	(0.0195)	[1]	NA	ND	(0.0763)	[1]	ND (0.0196) [1]
4-Chloroaniline	ND	(0.0282)	[1]	NA	ND	(0.110)	[1]	ND (0.0283) [1]
4-Chlorophenyl phenyl ether	ND	(0.0159)	[1]	NA	ND	(0.0623)	[1]	ND (0.0160) [1]
4-Methylphenol(p-cresol)	ND	(0.0173)	[1]	NA	ND	(0.0680)	[1]	ND (0.0175) [1]
4-Nitroaniline	ND	(0.0229)	[1]	NA	ND	(0.0897)	[1]	ND (0.0231) [1]
4-Nitrophenol	ND	(0.0354)	[1]	NA	ND	(0.139)	[1]	ND (0.0357) [1]
Acenaphthene	0.0181	(0.0103)	[1]	NA	ND	(0.0403)	[1]	ND (0.0103) [1]
Acenaphthylene	ND	(0.0158)	[1]	NA	ND	(0.0619)	[1]	ND (0.0159) [1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID									
LOCATION ID									
SAMPLE ID									
BEG. DEPTH - END DEPTH (FT.)									
3									
07-HA-01									
07-HA-01-01									
0 - 1									
3									
07-HA-02									
07-HA-02-01									
4 - 5									
3									
07-HA-03									
07-HA-03-01									
8 - 9									
3									
07-HA-04									
07-HA-04-02									
0 - 1									
PARAMETER									
SW8270 - Semivolatile Organics, cont. (mg/kg)									
Anthracene	0.0518	(0.0139)	[1]	NA	ND	(0.0545)	[1]	ND	(0.0140)
Benzo(a)anthracene	0.499	(0.0170)	[1]	NA	0.130	(0.0665)	[1]	0.0178	(0.0171)
Benzo(a)pyrene	0.519	(0.0196)	[1]	NA	0.103	(0.0767)	[1]	0.0158 J	(0.0197)
Benzo(b)fluoranthene	0.956 F	(0.0343)	[1]	NA	0.207 F	(0.134)	[1]	0.0468 F	(0.0345)
Benzo(g,h,i)perylene	0.317	(0.0385)	[1]	NA	ND	(0.151)	[1]	0.0130 J	(0.0388)
Benzo(k)fluoranthene	0.956 F	(0.0378)	[1]	NA	0.207 F	(0.148)	[1]	0.0468 F	(0.0380)
Benzoic acid	ND	(1.46)	[1]	NA	ND	(5.72)	[1]	ND	(1.47)
Benzyl alcohol	ND	(0.0231)	[1]	NA	ND	(0.0903)	[1]	ND	(0.0232)
Butylbenzylphthalate	ND	(0.0236)	[1]	NA	ND	(0.0925)	[1]	ND	(0.0238)
Chrysene	0.572	(0.0203)	[1]	NA	0.154	(0.0795)	[1]	0.0315	(0.0204)
Di-n-butylphthalate	ND	(0.0122)	[1]	NA	ND	(0.0480)	[1]	ND	(0.0123)
Di-n-octylphthalate	ND	(0.0133)	[1]	NA	ND	(0.0521)	[1]	ND	(0.0134)
Dibenz(a,h)anthracene	0.0896	(0.0306)	[1]	NA	ND	(0.120)	[1]	ND	(0.0309)
Dibenzofuran	ND	(0.0203)	[1]	NA	ND	(0.0795)	[1]	ND	(0.0204)
Diethylphthalate	ND	(0.0195)	[1]	NA	ND	(0.0763)	[1]	ND	(0.0196)
Dimethylphthalate	ND	(0.0127)	[1]	NA	ND	(0.0498)	[1]	ND	(0.0128)
Diphenylamine/N-NitrosoDPA	ND	(0.0102)	[1]	NA	ND	(0.0398)	[1]	ND	(0.0102)
Fluoranthene	0.624	(0.0178)	[1]	NA	0.169	(0.0697)	[1]	0.0559	(0.0179)
Fluorene	ND	(0.0144)	[1]	NA	ND	(0.0563)	[1]	ND	(0.0145)
Hexachlorobenzene	ND	(0.0119)	[1]	NA	ND	(0.0465)	[1]	ND	(0.0119)
Hexachlorobutadiene	ND	(0.0193)	[1]	NA	ND	(0.0758)	[1]	ND	(0.0195)
Hexachlorocyclopentadiene	ND	(0.223)	[1]	NA	ND	(0.872)	[1]	ND	(0.224)
Hexachloroethane	ND	(0.0240)	[1]	NA	ND	(0.0940)	[1]	ND	(0.0242)
Indeno(1,2,3-cd)pyrene	0.294	(0.0503)	[1]	NA	ND	(0.197)	[1]	0.00940 J	(0.0506)
Isophorone	ND	(0.0233)	[1]	NA	ND	(0.0912)	[1]	ND	(0.0234)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

NA = Not Applicable R = Invalid Result, Refer to QC Report

ND = Not Detected

[] = Dilution Factor

() = Detection Limit

Compiled: 17 March 1995

A9-45

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)												
	3	3	3	3	3	3	3	3	3	3							
	07-HA-05	07-HA-05	07-HA-05	07-HA-05	07-HA-05	07-HA-05	07-HA-05	07-HA-05	07-HA-05	07-HA-05							
	07-HA-05-02	07-HA-05-02	07-HA-05-02	07-HA-05-02	07-HA-05-02	07-HA-05-02	07-HA-05-02	07-HA-05-02	07-HA-05-02	07-HA-05-02							
	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5	4 - 5							
	5600	(	20.0)	[1]	3600	(	20.0)	[1]	2600	(	20.0)	[1]	4.00	JB	(	20.0)	[1]
Diesel Range Organics (mg/kg)																	
Diesel Range Organics																	
Gasoline Range Organics (mg/kg)																	
Gasoline Range Organics																	
Percent Solid (percent)																	
Percent moisture																	
SW8240 - Volatile Organics (ug/kg)																	
1,1,1-Trichloroethane																	
1,1,2,2-Tetrachloroethane																	
1,1,2-Trichloroethane																	
1,1-Dichloroethane																	
1,1-Dichloroethene																	
1,2-Dichloroethane																	
1,2-Dichloropropane																	
2-Butanone(MEK)																	
2-Chloroethyl vinyl ether																	
2-Hexanone																	
4-Methyl-2-pentanone(MIBK)																	
Acetone																	
Benzene																	
Bromodichloromethane																	
Bromomethane																	

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID																
LOCATION ID																
SAMPLE ID																
BEG. DEPTH - END DEPTH (FT.)																
3																
07-HA-05																
07-HA-05-02																
07-HA-05-DS-02 Dup of																
07-HA-05-02																
4 - 5																
3																
07-HA-06																
07-HA-06-02																
6 - 7																
0 - 1																
PARAMETER																
SW8240 - Volatile Organics, cont. (ug/kg)																
Carbon disulfide	ND	(	15.0)	[1]	ND	(	15.2)	[1]	ND	(	105)	[50]	ND	(	3.17)	[1]
Carbon tetrachloride	ND	(	7.72)	[1]	ND	(	7.83)	[1]	ND	(	73.8)	[50]	ND	(	1.63)	[1]
Chlorobenzene	ND	(	6.21)	[1]	ND	(	6.30)	[1]	ND	(	72.6)	[50]	ND	(	1.31)	[1]
Chloroethane	ND	(	10.6)	[1]	ND	(	10.8)	[1]	ND	(	85.3)	[50]	ND	(	2.25)	[1]
Chloroform	ND	(	8.84)	[1]	ND	(	8.97)	[1]	ND	(	60.2)	[50]	ND	(	1.87)	[1]
Chloromethane	ND	(	30.3)	[1]	ND	(	30.8)	[1]	ND	(	118)	[50]	ND	(	6.42)	[1]
Dibromochloromethane	ND	(	7.10)	[1]	ND	(	7.21)	[1]	ND	(	56.5)	[50]	ND	(	1.50)	[1]
Ethylbenzene	ND	(	5.42)	[1]	ND	(	5.51)	[1]	340	(	54.0)	[50]	ND	(	1.15)	[1]
Methylene chloride	10.8 JB	(	11.7)	[1]	ND	(	11.9)	[1]	ND	(	111)	[50]	5.04 B	(	2.49)	[1]
Styrene	ND	(	10.1)	[1]	ND	(	10.3)	[1]	ND	(	82.3)	[50]	ND	(	2.14)	[1]
Tetrachloroethene	ND	(	8.45)	[1]	ND	(	8.57)	[1]	ND	(	51.0)	[50]	ND	(	1.79)	[1]
Toluene	ND	(	11.2)	[1]	ND	(	11.4)	[1]	134	(	59.2)	[50]	ND	(	2.37)	[1]
Tribromomethane(Bromoform)	ND	(	8.45)	[1]	ND	(	8.57)	[1]	ND	(	125)	[50]	ND	(	1.79)	[1]
Trichloroethene	ND	(	18.0)	[1]	ND	(	18.2)	[1]	ND	(	78.6)	[50]	ND	(	3.80)	[1]
Vinyl acetate	ND	(	53.5)	[1]	ND	(	54.3)	[1]	ND	(	243)	[50]	ND	(	11.3)	[1]
Vinyl chloride	ND	(	14.0)	[1]	ND	(	14.2)	[1]	ND	(	101)	[50]	ND	(	2.97)	[1]
Xylene (total)	470 X	(	25.2)	[1]	101 X	(	25.5)	[1]	13500	(	125)	[50]	ND	(	5.33)	[1]
cis-1,3-Dichloropropene	ND	(	6.71)	[1]	ND	(	6.81)	[1]	ND	(	27.8)	[50]	ND	(	1.42)	[1]
trans-1,2-Dichloroethene	ND	(	10.8)	[1]	ND	(	11.0)	[1]	ND	(	67.7)	[50]	ND	(	2.30)	[1]
trans-1,3-Dichloropropene	ND X	(	7.21)	[1]	ND X	(	7.32)	[1]	ND	(	81.7)	[50]	ND	(	1.53)	[1]
SW8270 - Semivolatile Organics (mg/kg)																
1,2,4-Trichlorobenzene	ND	(	0.683)	[1]	ND	(	0.728)	[1]	ND	(	0.652)	[1]	ND	(	0.625)	[1]
1,2-Dichlorobenzene	ND	(	0.738)	[1]	ND	(	0.786)	[1]	ND	(	0.705)	[1]	ND	(	0.675)	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	3				3				3			
	07-HA-05				07-HA-05				07-HA-06			
	07-HA-05-02				07-HA-05-02 Dup of				07-HA-06-02			
	4 - 5				07-HA-05-02				07-HA-07-03			
	4 - 5				4 - 5				6 - 7			
	4 - 5				4 - 5				0 - 1			
SW8270 - Semivolatitle Organics, cont. (mg/kg)												
1,3-Dichlorobenzene	ND	(0.833)	[1]	ND	(0.887)	[1]	ND	(0.795)	[1]	ND	(0.762)	[1]
1,4-Dichlorobenzene	ND	(0.683)	[1]	ND	(0.728)	[1]	ND	(0.652)	[1]	ND	(0.625)	[1]
2,4,5-Trichloropheno	ND	(0.591)	[1]	ND	(0.630)	[1]	ND	(0.565)	[1]	ND	(0.541)	[1]
2,4,6-Trichloropheno	ND	(0.588)	[1]	ND	(0.626)	[1]	ND	(0.561)	[1]	ND	(0.538)	[1]
2,4-Dichloropheno	ND	(0.661)	[1]	ND	(0.704)	[1]	ND	(0.631)	[1]	ND	(0.605)	[1]
2,4-Dimethylphenol	ND	(1.51)	[1]	ND	(1.61)	[1]	ND	(1.44)	[1]	ND	(1.38)	[1]
2,4-Dinitrophenol	ND	(4.86)	[1]	ND	(5.17)	[1]	ND	(4.64)	[1]	ND	(4.44)	[1]
2,4-Dinitrotoluene	ND	(0.687)	[1]	ND	(0.731)	[1]	ND	(0.656)	[1]	ND	(0.628)	[1]
2,6-Dinitrotoluene	ND	(1.00)	[1]	ND	(1.07)	[1]	ND	(0.955)	[1]	ND	(0.915)	[1]
2-Chloronaphthalene	ND	(0.455)	[1]	ND	(0.485)	[1]	ND	(0.435)	[1]	ND	(0.417)	[1]
2-Chlorophenol	ND	(0.738)	[1]	ND	(0.786)	[1]	ND	(0.705)	[1]	ND	(0.675)	[1]
2-Methylnaphthalene	39.2	(0.423)	[1]	37.0	(0.450)	[1]	57.9	(0.404)	[1]	ND	(0.387)	[1]
2-Methylphenol (o-cresol)	ND	(0.360)	[1]	ND	(0.384)	[1]	ND	(0.344)	[1]	ND	(0.330)	[1]
2-Nitroaniline	ND	(0.770)	[1]	ND	(0.821)	[1]	ND	(0.736)	[1]	ND	(0.705)	[1]
2-Nitrophenol	ND	(0.606)	[1]	ND	(0.646)	[1]	ND	(0.579)	[1]	ND	(0.555)	[1]
3,3'-Dichlorobenzidine	ND	(0.387)	[1]	ND	(0.412)	[1]	ND	(0.369)	[1]	ND	(0.354)	[1]
3-Nitroaniline	ND	(0.457)	[1]	ND	(0.486)	[1]	ND	(0.436)	[1]	ND	(0.418)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.500)	[1]	ND	(0.532)	[1]	ND	(0.477)	[1]	ND	(0.457)	[1]
4-Bromophenyl phenyl ether	ND	(0.562)	[1]	ND	(0.599)	[1]	ND	(0.537)	[1]	ND	(0.515)	[1]
4-Chloro-3-methylphenol	ND	(0.598)	[1]	ND	(0.637)	[1]	ND	(0.571)	[1]	ND	(0.548)	[1]
4-Chloroaniline	ND	(0.866)	[1]	ND	(0.922)	[1]	ND	(0.827)	[1]	ND	(0.792)	[1]
4-Chlorophenyl phenyl ether	ND	(0.489)	[1]	ND	(0.521)	[1]	ND	(0.467)	[1]	ND	(0.448)	[1]
4-Methylphenol(p-cresol)	ND	(0.533)	[1]	ND	(0.568)	[1]	ND	(0.509)	[1]	ND	(0.488)	[1]
4-Nitroaniline	ND	(0.704)	[1]	ND	(0.750)	[1]	ND	(0.672)	[1]	ND	(0.644)	[1]

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
SW8270 - Semi-volatile Organics, cont. (mg/kg)	3		3		3		3		3	
	07-HA-05		07-HA-05		07-HA-05-DS-02 Dup of		07-HA-06		07-HA-07	
	07-HA-05-02		07-HA-05-02		07-HA-05-02		07-HA-06-02		07-HA-07-03	
	4 - 5		4 - 5		4 - 5		6 - 7		0 - 1	
	ND	(1.09)	[1]	ND	(1.16)	[1]	ND	(1.04)	[1]	ND
	4-Nitrophenol	(0.316)	[1]	ND	(0.337)	[1]	1.59	(0.302)	[1]	ND
	Acenaphthene	(0.486)	[1]	ND	(0.517)	[1]	ND	(0.464)	[1]	ND
	Acenaphthylene	(0.428)	[1]	ND	(0.455)	[1]	ND	(0.408)	[1]	ND
	Anthracene	(0.522)	[1]	ND	(0.556)	[1]	ND	(0.498)	[1]	ND
	Benzo(a)anthracene	(0.602)	[1]	ND	(0.641)	[1]	ND	(0.575)	[1]	ND
	Benzo(a)pyrene	(1.05)	[1]	ND	(1.12)	[1]	ND	(1.01)	[1]	ND
	Benzo(b)fluoranthene	(1.19)	[1]	ND	(1.26)	[1]	ND	(1.13)	[1]	ND
	Benzo(g,h,i)perylene	(1.16)	[1]	ND	(1.24)	[1]	ND	(1.11)	[1]	ND
	Benzo(k)fluoranthene	(44.8)	[1]	ND	(47.8)	[1]	ND	(42.8)	[1]	ND
	Benzoic acid	(0.709)	[1]	ND	(0.755)	[1]	ND	(0.677)	[1]	ND
	Benzyl alcohol	(0.726)	[1]	ND	(0.774)	[1]	ND	(0.693)	[1]	ND
Butylbenzylphthalate	ND	(0.624)	[1]	ND	(0.665)	[1]	ND	(0.596)	[1]	ND
	Chrysene	(0.376)	[1]	ND	(0.401)	[1]	ND	(0.359)	[1]	ND
	Di-n-butylphthalate	(0.409)	[1]	ND	(0.436)	[1]	ND	(0.391)	[1]	ND
	Di-n-octylphthalate	(0.942)	[1]	ND	(1.00)	[1]	ND	(0.900)	[1]	ND
	Dibenz(a,h)anthracene	(0.624)	[1]	ND	(0.665)	[1]	0.797	(0.596)	[1]	ND
	Dibenzofuran	(0.598)	[1]	ND	(0.637)	[1]	ND	(0.571)	[1]	ND
	Diethylphthalate	(0.390)	[1]	ND	(0.416)	[1]	ND	(0.373)	[1]	ND
	Dimethylphthalate	(0.313)	[1]	ND	(0.333)	[1]	ND	(0.298)	[1]	ND
	Diphenylamine/N-NitrosodPA	(0.547)	[1]	ND	(0.583)	[1]	ND	(0.523)	[1]	ND
	Fluoranthene	(0.441)	[1]	1.40	(0.470)	[1]	1.38	(0.422)	[1]	ND
	Fluorene	(0.365)	[1]	ND	(0.389)	[1]	ND	(0.348)	[1]	ND
	Hexachlorobenzene	(0.595)	[1]	ND	(0.634)	[1]	ND	(0.568)	[1]	ND
	Hexachlorobutadiene									

Compiled: 17 March 1995

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ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)											
	3	07-HA-08	3	07-HA-09	3	07-HA-10	3	07-HA-11								
		07-HA-08-03		07-HA-09-03		07-HA-10-01		07-HA-11-01								
		4 - 5		8 - 9		0.5 - 1		0.5 - 1								

Diesel Range Organics (mg/kg)																
Diesel Range Organics	3500	(	20.0)	[1]	13.0 JB	(	20.0)	[1]	17000	(	20.0)	[1]	1200	(	20.0)	[1]
Gasoline Range Organics (mg/kg)																
Gasoline Range Organics	NA				5.00 J	(	10.0)	[1]	1300	(	10.0)	[1]	1500	(	10.0)	[1]
Percent Solid (percent)																
Percent moisture	NA				20.9	(	0.00)	[1]	29.0	(	0.00)	[1]	37.1	(	0.00)	[1]
SW8240 - Volatile Organics (ug/kg)																
1,1,1-Trichloroethane	NA				ND	(	12.2)	[1]	ND	(	15.2)	[1]	ND	(	16.0)	[1]
1,1,2,2-Tetrachloroethane	NA				ND	(	26.2)	[1]	ND	(	32.5)	[1]	ND X	(	34.2)	[1]
1,1,2-Trichloroethane	NA				ND	(	5.74)	[1]	ND	(	7.11)	[1]	ND X	(	7.49)	[1]
1,1-Dichloroethane	NA				ND	(	13.3)	[1]	ND	(	16.5)	[1]	ND	(	17.4)	[1]
1,1-Dichloroethene	NA				ND	(	13.9)	[1]	ND	(	17.2)	[1]	ND	(	18.2)	[1]
1,2-Dichloroethane	NA				ND	(	7.47)	[1]	ND	(	9.27)	[1]	ND	(	9.76)	[1]
1,2-Dichloropropane	NA				ND	(	6.08)	[1]	ND	(	7.55)	[1]	ND	(	7.94)	[1]
2-Butanone(MEK)	NA				ND	(	41.3)	[1]	24.7 JB	(	51.2)	[1]	ND	(	53.9)	[1]
2-Chloroethyl vinyl ether	NA				ND	(	13.3)	[1]	ND	(	16.5)	[1]	ND	(	17.4)	[1]
2-Hexanone	NA				ND	(	33.0)	[1]	ND	(	41.0)	[1]	ND X	(	43.1)	[1]
4-Methyl-2-pentanone(MIBK)	NA				ND	(	14.7)	[1]	ND	(	18.3)	[1]	ND	(	19.2)	[1]
Acetone	NA				ND	(	85.7)	[1]	ND	(	106)	[1]	28.2 JB	(	112)	[1]
Benzene	NA				ND	(	5.85)	[1]	364	(	7.26)	[1]	218	(	7.64)	[1]
Bromodichloromethane	NA				ND	(	6.72)	[1]	ND	(	8.34)	[1]	ND	(	8.77)	[1]
Bromomethane	NA				ND	(	13.8)	[1]	ND	(	17.2)	[1]	ND	(	18.1)	[1]
Carbon disulfide	NA				ND	(	15.5)	[1]	ND	(	19.3)	[1]	ND	(	20.3)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)											
	LOCATION ID		SAMPLE ID													

SW8240 - Volatile Organics, cont. (ug/kg)																
Carbon tetrachloride	NA	ND	(	8.00)	[1]	ND	(	9.92)	[1]	ND	(	10.4)	[1]	
Chlorobenzene	NA	ND	(	6.43)	[1]	ND	(	7.98)	[1]	ND	X	(	8.40)	[1]
Chloroethane	NA	ND	(	11.0)	[1]	ND	(	13.7)	[1]	ND	(	14.4)	[1]	[1]
Chloroform	NA	ND	(	9.15)	[1]	ND	(	11.4)	[1]	ND	(	12.0)	[1]	[1]
Chloromethane	NA	ND	(	31.4)	[1]	ND	(	38.9)	[1]	ND	(	41.0)	[1]	[1]
Dibromochloromethane	NA	ND	(	7.36)	[1]	ND	(	9.13)	[1]	ND	X	(	9.61)	[1]
Ethylbenzene	NA	ND	(	5.62)	[1]	6520	(	62.6)	[50]	1340	X	(	7.34)	[1]
Methylene chloride	NA	ND	(	12.2)	[1]	ND	(	15.1)	[1]	20.6	B	(	15.9)	[1]
Styrene	NA	ND	(	10.5)	[1]	ND	(	13.0)	[1]	ND	X	(	13.7)	[1]
Tetrachloroethene	NA	ND	(	8.75)	[1]	ND	(	10.9)	[1]	ND	X	(	11.4)	[1]
Toluene	NA	ND	(	11.6)	[1]	580	(	14.4)	[1]	77.7	(	15.1)	[1]	[1]
Tribromomethane(Bromoform)	NA	ND	(	8.75)	[1]	ND	(	10.9)	[1]	ND	X	(	11.4)	[1]
Trichloroethene	NA	ND	(	18.6)	[1]	ND	(	23.1)	[1]	ND	(	24.3)	[1]	[1]
Vinyl acetate	NA	ND	(	55.4)	[1]	ND	(	68.7)	[1]	ND	(	72.3)	[1]	[1]
Vinyl chloride	NA	ND	(	14.5)	[1]	ND	(	18.0)	[1]	ND	(	19.0)	[1]	[1]
Xylene (total)	NA	20.5	J	(26.1)	[1]	26400	E	(144)	[50]	27300	E	(161)	[50]
cis-1,3-Dichloropropene	NA	ND	(	6.95)	[1]	ND	(	8.62)	[1]	ND	(	9.08)	[1]	[1]
trans-1,2-Dichloroethene	NA	ND	(	11.2)	[1]	ND	(	13.9)	[1]	ND	(	14.7)	[1]	[1]
trans-1,3-Dichloropropene	NA	ND	(7.47)	[1]	ND	X	(9.27)	[1]	ND	X	(9.76)	[1]	

SW8270 - Semivolatile Organics (mg/kg)																
1,2,4-Trichlorobenzene	NA	ND	(	0.609)	[1]	ND	(	0.828)	[1]	ND	(	0.916)	[1]	[1]
1,2-Dichlorobenzene	NA	ND	(	0.658)	[1]	ND	(	0.894)	[1]	ND	(	0.990)	[1]	[1]
1,3-Dichlorobenzene	NA	ND	(	0.743)	[1]	ND	(	1.01)	[1]	ND	(	1.12)	[1]	[1]
1,4-Dichlorobenzene	NA	ND	(	0.609)	[1]	ND	(	0.828)	[1]	ND	(	0.916)	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID				
LOCATION ID				
SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)				
PARAMETER	3	3	3	3
	07-HA-08	07-HA-09	07-HA-10	07-HA-11
	07-HA-08-03	07-HA-09-03	07-HA-10-01	07-HA-11-01
	4 - 5	8 - 9	0.5 - 1	0.5 - 1

SW8270 - Semivolatile Organics, cont. (mg/kg)				
2,4,5-Trichloropheno]	NA	ND (0.527)	[1]	ND (0.793)
2,4,6-Trichloropheno]	NA	ND (0.524)	[1]	ND (0.789)
2,4-Dichloropheno]	NA	ND (0.590)	[1]	ND (0.887)
2,4-Dimethylpheno]	NA	ND (1.35)	[1]	ND (2.03)
2,4-Dinitropheno]	NA	ND (4.33)	[1]	ND (6.52)
2,4-Dinitrotoluene	NA	ND (0.612)	[1]	ND (0.921)
2,6-Dinitrotoluene	NA	ND (0.892)	[1]	ND (1.34)
2-Chloronaphthalene	NA	ND (0.406)	[1]	ND (0.611)
2-Chloropheno]	NA	ND (0.658)	[1]	ND (0.990)
2-Methylnaphthalene	NA	ND (0.377)	[1]	228 (0.567)
2-Methylpheno] (o-cresol)	NA	ND (0.321)	[1]	ND (0.483)
2-Nitroaniline	NA	ND (0.687)	[1]	ND (1.03)
2-Nitropheno]	NA	ND (0.541)	[1]	ND (0.814)
3,3'-Dichlorobenzidine	NA	ND (0.345)	[1]	ND (0.519)
3-Nitroaniline	NA	ND (0.407)	[1]	ND (0.613)
4,6-Dinitro-2-methylpheno]	NA	ND (0.446)	[1]	ND (0.670)
4-Bromophenyl phenyl ether	NA	ND (0.502)	[1]	ND (0.754)
4-Chloro-3-methylpheno]	NA	ND (0.534)	[1]	ND (0.803)
4-Chloroaniline	NA	ND (0.772)	[1]	ND (1.16)
4-Chlorophenyl phenyl ether	NA	ND (0.436)	[1]	ND (0.656)
4-Methylpheno] (p-cresol)	NA	ND (0.476)	[1]	ND (0.715)
4-Nitroaniline	NA	ND (0.628)	[1]	ND (0.945)
4-Nitropheno]	NA	ND (0.971)	[1]	ND (1.46)
Acenaphthene	NA	ND (0.282)	[1]	3.29 (0.424)
Acenaphthylene	NA	ND (0.433)	[1]	ND (0.652)

Compiled: 17 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	3				3				3			
	07-HA-08		07-HA-09		07-HA-10		07-HA-11					
	4 - 5	8 - 9	0.5 - 1	0.5 - 1	0.5 - 1	0.5 - 1	0.5 - 1	0.5 - 1				
SW8270 - Semivolatile Organics, cont. (mg/kg)												
Anthracene	NA	ND	(0.381)	[1]	ND	(0.518)	[1]	ND	(0.574)	[1]		
Benzo(a)anthracene	NA	ND	(0.465)	[1]	ND	(0.632)	[1]	ND	(0.700)	[1]		
Benzo(a)pyrene	NA	ND	(0.537)	[1]	ND	(0.730)	[1]	ND	(0.807)	[1]		
Benzo(b)fluoranthene	NA	ND	(0.941)	[1]	ND	(1.28)	[1]	ND	(1.42)	[1]		
Benzo(g,h,i)perylene	NA	ND	(1.06)	[1]	ND	(1.44)	[1]	ND	(1.59)	[1]		
Benzo(k)fluoranthene	NA	ND	(1.04)	[1]	ND	(1.41)	[1]	ND	(1.56)	[1]		
Benzoic acid	NA	ND	(40.0)	[1]	ND	(54.4)	[1]	ND	(60.2)	[1]		
Benzyl alcohol	NA	ND	(0.632)	[1]	ND	(0.859)	[1]	ND	(0.951)	[1]		
Butylbenzylphthalate	NA	ND	(0.648)	[1]	ND	(0.880)	[1]	ND	(0.974)	[1]		
Chrysene	NA	ND	(0.556)	[1]	ND	(0.756)	[1]	ND	(0.837)	[1]		
Di-n-butylphthalate	NA	ND	(0.336)	[1]	ND	(0.456)	[1]	ND	(0.505)	[1]		
Di-n-octylphthalate	NA	ND	(0.365)	[1]	ND	(0.496)	[1]	ND	(0.549)	[1]		
Dibenz(a,h)anthracene	NA	ND	(0.840)	[1]	ND	(1.14)	[1]	ND	(1.26)	[1]		
Dibenzofuran	NA	ND	(0.556)	[1]	1.51	(0.756)	[1]	1.24	(0.837)	[1]		
Diethylphthalate	NA	ND	(0.534)	[1]	ND	(0.725)	[1]	ND	(0.803)	[1]		
Dimethylphthalate	NA	ND	(0.348)	[1]	ND	(0.473)	[1]	ND	(0.524)	[1]		
Diphenylamine/N-NitrosoDPA	NA	ND	(0.279)	[1]	ND	(0.379)	[1]	ND	(0.419)	[1]		
Fluoranthene	NA	ND	(0.488)	[1]	ND	(0.663)	[1]	ND	(0.734)	[1]		
Fluorene	NA	ND	(0.394)	[1]	3.59	(0.535)	[1]	2.42	(0.592)	[1]		
Hexachlorobenzene	NA	ND	(0.325)	[1]	ND	(0.442)	[1]	ND	(0.489)	[1]		
Hexachlorobutadiene	NA	ND	(0.531)	[1]	ND	(0.721)	[1]	ND	(0.798)	[1]		
Hexachlorocyclopentadiene	NA	ND	(6.10)	[1]	ND	(8.30)	[1]	ND	(9.18)	[1]		
Hexachloroethane	NA	ND	(0.658)	[1]	ND	(0.894)	[1]	ND	(0.990)	[1]		
Indeno(1,2,3-cd)pyrene	NA	ND	(1.38)	[1]	ND	(1.87)	[1]	ND	(2.07)	[1]		
Isophorone	NA	ND	(0.638)	[1]	ND	(0.868)	[1]	ND	(0.960)	[1]		

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

A9-55

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)											
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	07-HA-12	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03	07-SD-03
	07-HA-12-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01	07-SD-03-01
	0.5 - 1	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Diesel Range Organics (mg/kg)																
Diesel Range Organics	170	(	20.0)	[1]	7200	(	20.0)	[25]	6800	(	20.0)	[25]	75000	(	20.0)	[25]
Gasoline Range Organics (mg/kg)																
Gasoline Range Organics	0.00	JB	(	10.0)	[1]	59.0	(	10.0)	[5]	57.0	(	10.0)	[5]	110	(	10.0)
Percent Solid (percent)																
Percent moisture	50.5	(	0.00)	[1]	24.5	(	0.00)	[1]	24.5	(	0.00)	[1]	73.4	(	0.00)	[1]
SW8240 - Volatile Organics (ug/kg)																
1,1,1-Trichloroethane	ND	(	4.22)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,1,2,2-Tetrachloroethane	ND	X	(	9.04)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)
1,1,2-Trichloroethane	ND	X	(	1.98)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)
1,1-Dichloroethane	ND	(	4.60)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,1-Dichloroethene	ND	(	4.80)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,2-Dichloroethane	ND	(	2.58)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
1,2-Dichloropropane	ND	(	2.10)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
2-Butanone(MEK)	13.5	JB	(	14.2)	[1]	470	JB	(	800)	[1]	ND	(	700)	[1]	ND	[1]
2-Chloroethyl vinyl ether	ND	(	4.60)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
2-Hexanone	ND	X	(	11.4)	[1]	ND	(	800)	[1]	ND	(	700)	[1]	ND	(	2100)
4-Methyl-2-pentanone(MIBK)	ND	(	5.08)	[1]	ND	(	800)	[1]	ND	(	700)	[1]	ND	(	2100)	[1]
Acetone	22.7	JB	(	29.6)	[1]	500	J	(	3000)	[1]	ND	(	3000)	[1]	ND	[1]
Benzene	ND	(	2.02)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
Bromodichloromethane	ND	(	2.32)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]
Bromomethane	ND	(	4.78)	[1]	ND	(	200)	[1]	ND	(	100)	[1]	ND	(	400)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		07-HA-12		07-HA-12-01	
							3		3	
	07-HA-12		07-HA-12-01		07-HA-12-01		07-HA-12-01		07-HA-12-01	
	0.5 - 1		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
PARAMETER	0.5 - 1		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
SW8240 - Volatile Organics, cont. (ug/kg)										
Carbon disulfide	ND	(5.36)	[1]	ND	(300)	[1]	ND	(300)	[1]	ND
Carbon tetrachloride	ND	(2.76)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Chlorobenzene	ND X	(2.22)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Chloroethane	ND	(3.80)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Chloroform	ND	(3.16)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Chloromethane	ND	(10.8)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Dibromochloromethane	ND X	(2.54)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Ethylbenzene	ND X	(1.94)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Methylene chloride	11.0 B	(4.20)	[1]	200	(200)	[1]	ND	(200)	[1]	830
Styrene	ND X	(3.62)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Tetrachloroethene	ND X	(3.02)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Toluene	ND	(4.00)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Tribromomethane (Bromoform)	ND X	(3.02)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Trichloroethene	ND	(6.42)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Vinyl acetate	ND	(19.1)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
Vinyl chloride	ND	(5.02)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
Xylene (total)	ND X	(9.00)	[1]	NA	(200)	[1]	NA	(200)	[1]	NA
cis-1,2-Dichloroethene	NA			ND	(200)	[1]	ND	(200)	[1]	ND
cis-1,3-Dichloropropene	ND	(2.40)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
m & p-Xylene	NA			ND	(500)	[1]	ND	(500)	[1]	ND
o-Xylene	NA			ND	(300)	[1]	ND	(300)	[1]	ND
trans-1,2-Dichloroethene	ND	(3.88)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND
trans-1,3-Dichloropropene	ND X	(2.58)	[1]	ND	(200)	[1]	ND	(200)	[1]	ND

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				DILUTION FACTOR				DETECTION LIMIT				NA = Not Applicable				R = Invalid Result, Refer to QC Report			
	LOCATION ID				SAMPLE ID																			
SW8270 - Semivolatile Organics (mg/kg)																								
1,2,4-Trichlorobenzene	ND	(	1.14)	[1]	ND	(	0.675)	[1]	ND	(	0.746)	[1]	ND	(	0.983)	[1]	ND	(	1.93)	[1]	ND	(	1.93)	[1]
1,2-Dichlorobenzene	ND	(	1.23)	[1]	ND	(	0.889)	[1]	ND	(	0.983)	[1]	ND	(	0.983)	[1]	ND	(	2.55)	[1]	ND	(	2.55)	[1]
1,3-Dichlorobenzene	ND	(	1.39)	[1]	ND	(	0.452)	[1]	ND	(	0.500)	[1]	ND	(	0.500)	[1]	ND	(	1.29)	[1]	ND	(	1.29)	[1]
1,4-Dichlorobenzene	ND	(	1.14)	[1]	ND	(	0.923)	[1]	ND	(	1.02)	[1]	ND	(	1.02)	[1]	ND	(	2.64)	[1]	ND	(	2.64)	[1]
2,4,5-Trichlorophenol	ND	(	0.989)	[1]	ND	(	0.377)	[1]	ND	(	0.416)	[1]	ND	(	0.416)	[1]	ND	(	1.08)	[1]	ND	(	1.08)	[1]
2,4,6-Trichlorophenol	ND	(	0.983)	[1]	ND	(	0.398)	[1]	ND	(	0.440)	[1]	ND	(	0.440)	[1]	ND	(	1.14)	[1]	ND	(	1.14)	[1]
2,4-Dichlorophenol	ND	(	1.11)	[1]	ND	(	0.506)	[1]	ND	(	0.559)	[1]	ND	(	0.559)	[1]	ND	(	1.45)	[1]	ND	(	1.45)	[1]
2,4-Dimethylphenol	ND	(	2.53)	[1]	ND	(	1.26)	[1]	ND	(	1.39)	[1]	ND	(	1.39)	[1]	ND	(	3.60)	[1]	ND	(	3.60)	[1]
2,4-Dinitrophenol	ND	(	8.12)	[1]	ND	(	7.99)	[1]	ND	(	8.83)	[1]	ND	(	8.83)	[1]	ND	(	22.9)	[1]	ND	(	22.9)	[1]
2,4-Dinitrotoluene	ND	(	1.15)	[1]	ND	(	0.628)	[1]	ND	(	0.694)	[1]	ND	(	0.694)	[1]	ND	(	1.80)	[1]	ND	(	1.80)	[1]
2,6-Dinitrotoluene	ND	(	1.67)	[1]	ND	(	0.395)	[1]	ND	(	0.436)	[1]	ND	(	0.436)	[1]	ND	(	1.13)	[1]	ND	(	1.13)	[1]
2-Chloronaphthalene	ND	(	0.761)	[1]	ND	(	0.370)	[1]	ND	(	0.409)	[1]	ND	(	0.409)	[1]	ND	(	1.06)	[1]	ND	(	1.06)	[1]
2-Chlorophenol	ND	(	1.23)	[1]	ND	(	0.872)	[1]	ND	(	0.964)	[1]	ND	(	0.964)	[1]	ND	(	2.50)	[1]	ND	(	2.50)	[1]
2-Methylnaphthalene	ND	(	0.707)	[1]	ND	(	0.754)	[1]	ND	(	0.833)	[1]	ND	(	0.833)	[1]	ND	(	2.16)	[1]	ND	(	2.16)	[1]
2-Methylphenol (o-cresol)	ND	(	0.602)	[1]	ND	(	0.610)	[1]	ND	(	0.674)	[1]	ND	(	0.674)	[1]	ND	(	1.75)	[1]	ND	(	1.75)	[1]
2-Nitroaniline	ND	(	1.29)	[1]	ND	(	0.459)	[1]	ND	(	0.507)	[1]	ND	(	0.507)	[1]	ND	(	1.31)	[1]	ND	(	1.31)	[1]
2-Nitrophenol	ND	(	1.01)	[1]	ND	(	0.502)	[1]	ND	(	0.555)	[1]	ND	(	0.555)	[1]	ND	(	1.44)	[1]	ND	(	1.44)	[1]
3,3'-Dichlorobenzidine	ND	(	0.647)	[1]	ND	(	0.559)	[1]	ND	(	0.618)	[1]	ND	(	0.618)	[1]	ND	(	1.60)	[1]	ND	(	1.60)	[1]
3-Nitroaniline	ND	(	0.763)	[1]	ND	(	0.581)	[1]	ND	(	0.642)	[1]	ND	(	0.642)	[1]	ND	(	1.66)	[1]	ND	(	1.66)	[1]
4,6-Dinitro-2-methylphenol	ND	(	0.835)	[1]	ND	(	0.904)	[1]	ND	(	0.999)	[1]	ND	(	0.999)	[1]	ND	(	2.59)	[1]	ND	(	2.59)	[1]
4-Bromophenyl phenyl ether	ND	(	0.940)	[1]	ND	(	0.521)	[1]	ND	(	0.575)	[1]	ND	(	0.575)	[1]	ND	(	1.49)	[1]	ND	(	1.49)	[1]
4-Chloro-3-methylphenol	ND	(	1.00)	[1]	ND	(	0.826)	[1]	ND	(	0.912)	[1]	ND	(	0.912)	[1]	ND	(	2.36)	[1]	ND	(	2.36)	[1]
4-Chloroaniline	ND	(	1.45)	[1]	ND	(	0.638)	[1]	ND	(	0.705)	[1]	ND	(	0.705)	[1]	ND	(	1.83)	[1]	ND	(	1.83)	[1]
4-Chlorophenyl phenyl ether	ND	(	0.818)	[1]	ND	(	0.603)	[1]	ND	(	0.666)	[1]	ND	(	0.666)	[1]	ND	(	1.73)	[1]	ND	(	1.73)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)					
	LOCATION ID				SAMPLE ID					
SW8270 - Semivolatile Organics, cont. (mg/kg)	3				3					
	07-HA-12				07-SD-03					
4-Methylphenol(p-cresol)	07-HA-12-01	0.5 - 1	ND (0.892)	[1]	ND (0.657)	[1]	ND (0.725)	[1]	ND (1.88)	[1]
4-Nitroaniline			ND (1.18)	[1]	ND (0.553)	[1]	ND (0.611)	[1]	ND (1.58)	[1]
4-Nitrophenol			ND (1.82)	[1]	ND (0.789)	[1]	ND (0.872)	[1]	ND (2.26)	[1]
Acenaphthene			ND (0.528)	[1]	ND (0.546)	[1]	ND (0.603)	[1]	ND (1.56)	[1]
Acenaphthylene			ND (0.812)	[1]	ND (0.258)	[1]	ND (0.285)	[1]	ND (0.739)	[1]
Anthracene			ND (0.715)	[1]	ND (0.663)	[1]	ND (0.733)	[1]	ND (1.90)	[1]
Benzo(a)anthracene			ND (0.872)	[1]	ND (0.588)	[1]	ND (0.650)	[1]	ND (1.68)	[1]
Benzo(a)pyrene			ND (1.01)	[1]	ND (0.437)	[1]	ND (0.483)	[1]	ND (1.25)	[1]
Benzo(b)fluoranthene			ND (1.76)	[1]	ND (0.650)	[1]	ND (0.718)	[1]	ND (1.86)	[1]
Benzo(g,h,i)perylene			ND (1.98)	[1]	ND (0.556)	[1]	ND (0.614)	[1]	ND (1.59)	[1]
Benzo(k)fluoranthene			ND (1.94)	[1]	ND (1.11)	[1]	ND (1.22)	[1]	ND (3.16)	[1]
Benzoic acid			ND (75.0)	[1]	ND (4.52)	[1]	ND (5.00)	[1]	ND (12.9)	[1]
Benzyl alcohol			ND (1.18)	[1]	ND (1.23)	[1]	ND (1.36)	[1]	ND (3.53)	[1]
Butylbenzylphthalate			ND (1.21)	[1]	ND (0.449)	[1]	ND (0.496)	[1]	ND (1.28)	[1]
Chrysene			ND (1.04)	[1]	ND (0.764)	[1]	ND (0.844)	[1]	ND (2.19)	[1]
Di-n-butylphthalate			ND (0.629)	[1]	ND (0.563)	[1]	ND (0.622)	[1]	ND (1.61)	[1]
Di-n-octylphthalate			ND (0.684)	[1]	ND (1.04)	[1]	ND (1.15)	[1]	ND (2.98)	[1]
Dibenz(a,h)anthracene			ND (1.58)	[1]	ND (0.541)	[1]	ND (0.598)	[1]	ND (1.55)	[1]
Dibenzofuran			ND (1.04)	[1]	ND (0.466)	[1]	ND (0.515)	[1]	ND (1.33)	[1]
Diethylphthalate			ND (1.00)	[1]	ND (0.384)	[1]	ND (0.424)	[1]	ND (1.10)	[1]
Dimethylphthalate			ND (0.653)	[1]	ND (0.320)	[1]	ND (0.353)	[1]	ND (0.915)	[1]
Diphenylamine/N-NitrosoDPA			ND (0.523)	[1]	ND (0.646)	[1]	ND (0.714)	[1]	ND (1.85)	[1]
Fluoranthene			ND (0.915)	[1]	ND (0.728)	[1]	ND (0.805)	[1]	ND (2.09)	[1]
Fluorene			ND (0.738)	[1]	ND (0.384)	[1]	ND (0.424)	[1]	ND (1.10)	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	BEG. DEPTH - END DEPTH (FT.)				
SW8270 - Semivolatitle Organics, cont. (mg/kg)	3	3	3	3	
	07-HA-12	07-SD-03	07-SD-03	07-SD-04	
	07-HA-12-01	07-SD-03-01	07-SD-03-DS-01 Dup of 07-SD-03-01	07-SD-04-01	
	0.5 - 1	0 - 0.5	0 - 0.5	0 - 0.5	
	Hexachlorobenzene	ND (0.610) [1]	ND (0.267) [1]	ND (0.295) [1]	ND (0.765) [1]
	Hexachlorobutadiene	ND (0.995) [1]	ND (0.797) [1]	ND (0.880) [1]	ND (2.28) [1]
	Hexachlorocyclopentadiene	ND (11.4) [1]	ND (10.2) [1]	ND (11.3) [1]	ND (29.2) [1]
	Hexachloroethane	ND (1.23) [1]	ND (0.678) [1]	ND (0.749) [1]	ND (1.94) [1]
	Indeno(1,2,3-cd)pyrene	ND (2.58) [1]	ND (0.599) [1]	ND (0.662) [1]	ND (1.72) [1]
	Isophorone	ND (1.20) [1]	ND (0.328) [1]	ND (0.362) [1]	ND (0.938) [1]
	N-Nitroso-di-n-propylamine	ND (1.27) [1]	ND (0.858) [1]	ND (0.947) [1]	ND (2.46) [1]
	Naphthalene	ND (0.929) [1]	ND (0.832) [1]	0.568 J (0.920) [1]	ND (2.38) [1]
	Nitrobenzene	ND (1.64) [1]	ND (0.603) [1]	ND (0.666) [1]	ND (1.73) [1]
	Pentachloropheno[	ND (1.73) [1]	ND (0.987) [1]	ND (1.09) [1]	ND (2.82) [1]
	Phenanthrene	ND (0.909) [1]	0.208 J (0.710) [1]	ND (0.785) [1]	ND (2.03) [1]
	Pheno[	ND (1.72) [1]	ND (0.456) [1]	ND (0.503) [1]	ND (1.30) [1]
	Pyrene	ND (0.793) [1]	0.140 J (0.534) [1]	ND (0.590) [1]	ND (1.53) [1]
	bis(2-Chloroethoxy)methane	ND (1.18) [1]	ND (0.642) [1]	ND (0.709) [1]	ND (1.84) [1]
bis(2-Chloroethyl)ether	ND (0.744) [1]	ND (0.836) [1]	ND (0.923) [1]	ND (2.39) [1]	
bis(2-Chloroisopropyl)ether	ND (1.55) [1]	ND (0.829) [1]	ND (- 0.916) [1]	ND (2.37) [1]	
bis(2-Ethylhexyl)phthalate	ND (1.13) [1]	0.466 J (2.09) [1]	ND (2.31) [1]	1.22 J (5.98) [1]	

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID													
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)									
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	07-SD-05	07-SD-06	07-SD-07	07-SS-06	07-SD-05-01	07-SD-06-01	07-SD-07-01	07-SS-06-01	07-SD-05-01	07-SD-06-01	07-SD-07-01	07-SS-06-01	07-SD-05-01	07-SS-06-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Diesel Range Organics (mg/kg)														
Diesel Range Organics	760	(	20.0)	[1]	9.00	JB	(	20.0)	[1]	640	(	20.0)	[10]	NA
Gasoline Range Organics (mg/kg)														
Gasoline Range Organics	88.0	(	10.0)	[10]	0.00	JB	(	10.0)	[1]	9.00	J	(	10.0)	[1]
Percent Solid (percent)														
Percent moisture	70.0	(	0.00)	[1]	70.3	(	0.00)	[1]	[1]	41.8	(	0.00)	[1]	25.8 (0.00) [1]
SW8240 - Volatile Organics (ug/kg)														
1,1,1-Trichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
1,1,2,2-Tetrachloroethane	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
1,1,2-Trichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
1,1-Dichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
1,1-Dichloroethene	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
1,2-Dichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
1,2-Dichloropropane	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
2-Butanone(MEK)	ND	(	1600)	[1]	ND	(	2200)	[1]	[1]	ND	(	800)	[1]	NA
2-Chloroethyl vinyl ether	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
2-Hexanone	ND	(	1600)	[1]	ND	(	2200)	[1]	[1]	ND	(	800)	[1]	NA
4-Methyl-2-pentanone(MIBK)	ND	(	1600)	[1]	ND	(	2200)	[1]	[1]	ND	(	800)	[1]	NA
Acetone	ND	(	6000)	[1]	ND	(	9000)	[1]	[1]	ND	(	3000)	[1]	NA
Benzene	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
Bromodichloromethane	ND	(	300)	[1]	ND	(	400)	[1]	[1]	ND	(	200)	[1]	NA
Bromomethane	ND	(300)	[1]	ND	(400)	[1]	[1]	ND	(200)	[1]	NA
Carbon disulfide	ND	(600)	[1]	ND	(900)	[1]	[1]	ND	(300)	[1]	NA

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PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	3		3		3	
	07-SD-05-01 0 - 0.5	07-SD-06-01 0 - 0.5	07-SD-07-01 0 - 0.5	07-SS-06-01 0 - 0.5		
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon tetrachloride	ND	(300)	[1]	ND	(400)	[1]
Chlorobenzene	ND	(300)	[1]	ND	(400)	[1]
Chloroethane	ND	(300)	[1]	ND	(400)	[1]
Chloroform	ND	(300)	[1]	ND	(400)	[1]
Chloromethane	ND	(300)	[1]	ND	(400)	[1]
Dibromochloromethane	ND	(300)	[1]	ND	(400)	[1]
Ethylbenzene	ND	(300)	[1]	ND	(400)	[1]
Methylene chloride	440	(300)	[1]	520	(400)	[1]
Styrene	ND	(300)	[1]	ND	(400)	[1]
Tetrachloroethene	ND	(300)	[1]	ND	(400)	[1]
Toluene	ND	(300)	[1]	ND	(400)	[1]
Tribromomethane(Bromoform)	ND	(300)	[1]	ND	(400)	[1]
Trichloroethene	ND	(300)	[1]	ND	(400)	[1]
Vinyl acetate	ND	(3000)	[1]	ND	(4000)	[1]
Vinyl chloride	ND	(300)	[1]	ND	(400)	[1]
cis-1,2-Dichloroethene	ND	(300)	[1]	ND	(400)	[1]
cis-1,3-Dichloropropene	ND	(300)	[1]	ND	(400)	[1]
m & p-Xylene	ND	(900)	[1]	ND	(1300)	[1]
o-Xylene	ND	(600)	[1]	ND	(900)	[1]
trans-1,2-Dichloroethene	ND	(300)	[1]	ND	(400)	[1]
trans-1,3-Dichloropropene	ND	(300)	[1]	ND	(400)	[1]
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	(0.195)	[1]	ND	(0.0659)	[1]
1,2-Dichlorobenzene	ND	(0.258)	[1]	ND	(0.0869)	[1]

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID					SAMPLE ID										
	BEG. DEPTH - END DEPTH (FT.)					BEG. DEPTH - END DEPTH (FT.)										
	3					3										
	07-SD-05	07-SD-05-01	0 - 0.5			07-SD-06	07-SD-06-01	0 - 0.5		07-SD-07	07-SD-07-01	0 - 0.5		07-SS-06	07-SS-06-01	0 - 0.5
SW8270 - Semivolatile Organics, cont. (mg/kg)																
Acenaphthene	0.179	(0.158)	[1]			ND	(0.0533)	[1]	ND	(0.714)	[1]			NA		
Acenaphthylene	ND	(0.0747)	[1]			ND	(0.0252)	[1]	ND	(0.338)	[1]			NA		
Anthracene	ND	(0.192)	[1]			ND	(0.0648)	[1]	ND	(0.868)	[1]			NA		
Benzo(a)anthracene	ND	(0.170)	[1]			ND	(0.0574)	[1]	ND	(0.769)	[1]			NA		
Benzo(a)pyrene	ND	(0.127)	[1]			ND	(0.0427)	[1]	ND	(0.572)	[1]			NA		
Benzo(b)fluoranthene	ND	(0.188)	[1]			ND	(0.0635)	[1]	ND	(0.850)	[1]			NA		
Benzo(g,h,i)perylene	ND	(0.161)	[1]			ND	(0.0543)	[1]	ND	(0.728)	[1]			NA		
Benzo(k)fluoranthene	ND	(0.320)	[1]			ND	(0.108)	[1]	ND	(1.45)	[1]			NA		
Benzoic acid	ND	(1.31)	[1]		0.420 J	(0.442)	[1]		ND	(5.92)	[1]			NA		
Benzyl alcohol	ND	(0.357)	[1]			ND	(0.120)	[1]	ND	(1.61)	[1]			NA		
Butylbenzylphthalate	0.115 J	(0.130)	[1]			ND	(0.0438)	[1]	ND	(0.587)	[1]			NA		
Chrysene	ND	(0.221)	[1]			ND	(0.0746)	[1]	ND	(1.00)	[1]			NA		
Di-n-butylphthalate	0.0585 J	(0.163)	[1]			ND	(0.0550)	[1]	ND	(0.737)	[1]			NA		
Di-n-octylphthalate	ND	(0.301)	[1]			ND	(0.102)	[1]	ND	(1.36)	[1]			NA		
Dibenz(a,h)anthracene	ND	(0.157)	[1]			ND	(0.0529)	[1]	ND	(0.708)	[1]			NA		
Dibenzofuran	ND	(0.135)	[1]			ND	(0.0455)	[1]	ND	(0.610)	[1]			NA		
Diethylphthalate	ND	(0.111)	[1]			ND	(0.0375)	[1]	ND	(0.502)	[1]			NA		
Dimethylphthalate	ND	(0.0926)	[1]			ND	(0.0312)	[1]	ND	(0.418)	[1]			NA		
Diphenylamine/N-NitrosoDPA	ND	(0.187)	[1]			ND	(0.0631)	[1]	ND	(0.846)	[1]			NA		
Fluoranthene	ND	(0.211)	[1]			ND	(0.0712)	[1]	ND	(0.953)	[1]			NA		
Fluorene	0.216	(0.111)	[1]		0.0391	(0.0375)	[1]		ND	(0.502)	[1]			NA		
Hexachlorobenzene	ND	(0.0774)	[1]			ND	(0.0261)	[1]	ND	(0.350)	[1]			NA		
Hexachlorobutadiene	ND	(0.231)	[1]			ND	(0.0778)	[1]	ND	(1.04)	[1]			NA		
Hexachlorocyclopentadiene	ND	(2.95)	[1]			ND	(0.995)	[1]	ND	(13.3)	[1]			NA		
Hexachloroethane	ND	(0.196)	[1]			ND	(0.0662)	[1]	ND	(0.887)	[1]			NA		

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						
	3	07-SD-05	07-SD-06	07-SD-07	3	07-SS-06
	07-SD-05-01	07-SD-06-01	07-SD-07-01	07-SS-06-01		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		0 - 0.5
PARAMETER						

SW8270 - Semivolatile Organics, cont. (mg/kg)						
Indeno(1,2,3-cd)pyrene	ND	(0.174)	[1]	ND	(0.0586)	[1]
Isophorone	ND	(0.0949)	[1]	ND	(0.0320)	[1]
N-Nitroso-di-n-propylamine	ND	(0.248)	[1]	ND	(0.0838)	[1]
Naphthalene	0.731	(0.241)	[1]	0.476	(0.0813)	[1]
Nitrobenzene	ND	(0.175)	[1]	ND	(0.0589)	[1]
Pentachloropheno1	ND	(0.286)	[1]	ND	(0.0964)	[1]
Phenanthrene	ND	(0.206)	[1]	0.0271 J	(0.0694)	[1]
Pheno1	ND	(0.132)	[1]	ND	(0.0445)	[1]
Pyrene	ND	(0.155)	[1]	ND	(0.0522)	[1]
bis(2-Chloroethoxy)methane	ND	(0.186)	[1]	ND	(0.0627)	[1]
bis(2-Chloroethyl)ether	ND	(0.242)	[1]	ND	(0.0816)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.240)	[1]	ND	(0.0810)	[1]
bis(2-Ethylhexyl)phthalate	0.203 J	(0.605)	[1]	0.0587 J	(0.204)	[1]

				ND	(0.784)	[1]
				ND	(0.429)	[1]
				ND	(1.12)	[1]
				0.554 J	(1.09)	[1]
				ND	(0.789)	[1]
				ND	(1.29)	[1]
				ND	(0.929)	[1]
				ND	(0.596)	[1]
				ND	(0.699)	[1]
				ND	(0.840)	[1]
				ND	(1.09)	[1]
				ND	(1.08)	[1]
				0.435 J	(2.73)	[1]

						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA
						NA

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07A	07A	07A	7
	07A-SB-02	07A-SS-01	07A-SS-02	08-SB-01
	07A-SB-02-DS-02 Dup of	07A-SS-01-01	07A-SS-02-01	08-SB-01-01
	07A-SB-02-02			
	1.5 - 2	0 - 0.5	0 - 0.5	8 - 8.5
Diesel Range Organics (mg/kg)				
Diesel Range Organics	NA	NA	NA	11.0 JB (20.0) [1]
Gasoline Range Organics (mg/kg)				
Gasoline Range Organics	NA	NA	NA	0.00 JB (10.0) [1]
Percent Solid (percent)				
Percent moisture	27.3 (0.00) [1]	30.9 (0.00) [1]	87.8 (0.00) [1]	NA

Compiled: 17 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A9-67

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
Diesel Range Organics (mg/kg)										
Diesel Range Organics										
Gasoline Range Organics (mg/kg)										
Gasoline Range Organics										
Percent Solid (percent)										
Percent moisture										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane										
1,1,1,2,2-Tetrachloroethane										
1,1,2-Trichloroethane										
1,1-Dichloroethane										
1,1-Dichloroethane										
1,2-Dichloroethane										
1,2-Dichloropropane										
2-Butanone(MEK)										
2-Chloroethyl vinyl ether										
2-Hexanone										
4-Methyl-2-pentanone(MIBK)										
Acetone										
Benzene										
Bromodichloromethane										
Bromomethane										
Carbon disulfide										

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						
PARAMETER	7	008	008	008	008	008
	08-SB-02	08-SB-03	09-SB-01	09-SB-01	09-SB-01	09-SB-01
	08-SB-02-01	08-SB-03-01	09-SB-01-01	09-SB-01-02	09-SB-01-02	09-SB-01-02
	10 - 10.5	10 - 10.5	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon tetrachloride	NA	NA	ND	(5.00)	[1]	ND (6.00)
Chlorobenzene	NA	NA	ND	(5.00)	[1]	ND (6.00)
Chloroethane	NA	NA	ND	(5.00)	[1]	ND (6.00)
Chloroform	NA	NA	ND	(5.00)	[1]	ND (6.00)
Chloromethane	NA	NA	ND	(5.00)	[1]	ND (6.00)
Dibromochloromethane	NA	NA	ND	(5.00)	[1]	ND (6.00)
Ethylbenzene	NA	NA	ND	(5.00)	[1]	110 (6.00)
Methylene chloride	NA	NA	ND	(5.00)	[1]	ND (6.00)
Styrene	NA	NA	ND	(5.00)	[1]	ND (6.00)
Tetrachloroethene	NA	NA	ND	(5.00)	[1]	ND (6.00)
Toluene	NA	NA	ND	(5.00)	[1]	ND (6.00)
Tribromomethane(Bromoform)	NA	NA	ND	(5.00)	[1]	ND (6.00)
Trichloroethene	NA	NA	ND	(5.00)	[1]	ND (6.00)
Vinyl acetate	NA	NA	ND	(50.0)	[1]	ND (60.0)
Vinyl chloride	NA	NA	ND	(5.00)	[1]	ND (6.00)
cis-1,2-Dichloroethene	NA	NA	ND	(5.00)	[1]	ND (6.00)
cis-1,3-Dichloropropene	NA	NA	ND	(20.0)	[1]	26.0 (30.0)
m & p-Xylene	NA	NA	ND	(10.0)	[1]	2.70 J (10.0)
o-Xylene	NA	NA	ND	(5.00)	[1]	ND (6.00)
trans-1,2-Dichloroethene	NA	NA	ND	(5.00)	[1]	ND (6.00)
trans-1,3-Dichloropropene	NA	NA	ND	(5.00)	[1]	ND (6.00)
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	NA	NA	ND	(0.0213)	[1]	ND (0.0235)
1,2-Dichlorobenzene	NA	NA	ND	(0.0230)	[1]	ND (0.0254)

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	7		7		7		7	
SW8270 - Semivolatile Organics, cont. (mg/kg)	08-SB-02		08-SB-03		08-SB-01		08-SB-01	
	10 - 10.5		10 - 10.5		10 - 10.5		10 - 2	
1,3-Dichlorobenzene	NA		NA		NA		ND	(0.0260) [1]
1,4-Dichlorobenzene	NA		NA		NA		ND	(0.0213) [1]
2,4,5-Trichloropheno]	NA		NA		NA		ND	(0.0184) [1]
2,4,6-Trichloropheno]	NA		NA		NA		ND	(0.0183) [1]
2,4-Dichloropheno]	NA		NA		NA		ND	(0.0206) [1]
2,4-Dimethylphenol	NA		NA		NA		ND	(0.0471) [1]
2,4-Dinitrophenol	NA		NA		NA		ND	(0.151) [1]
2,4-Dinitrotoluene	NA		NA		NA		ND	(0.0214) [1]
2,6-Dinitrotoluene	NA		NA		NA		ND	(0.0312) [1]
2-Chloronaphthalene	NA		NA		NA		ND	(0.0142) [1]
2-Chlorophenol	NA		NA		NA		ND	(0.0230) [1]
2-Methylnaphthalene	NA		NA		NA		ND	(0.0132) [1]
2-Methylphenol (o-cresol)	NA		NA		NA		ND	(0.0112) [1]
2-Nitroaniline	NA		NA		NA		ND	(0.0240) [1]
2-Nitrophenol	NA		NA		NA		ND	(0.0189) [1]
3,3'-Dichlorobenzidine	NA		NA		NA		ND	(0.0121) [1]
3-Nitroaniline	NA		NA		NA		ND	(0.0142) [1]
4,6-Dinitro-2-methylphenol	NA		NA		NA		ND	(0.0156) [1]
4-Bromophenyl phenyl ether	NA		NA		NA		ND	(0.0175) [1]
4-Chloro-3-methylphenol	NA		NA		NA		ND	(0.0187) [1]
4-Chloroaniline	NA		NA		NA		ND	(0.0270) [1]
4-Chlorophenyl phenyl ether	NA		NA		NA		ND	(0.0152) [1]
4-Methylphenol (p-cresol)	NA		NA		NA		ND	(0.0166) [1]
4-Nitroaniline	NA		NA		NA		ND	(0.0220) [1]
4-Nitrophenol	NA		NA		NA		ND	(0.0339) [1]
SW8270 - Semivolatile Organics, cont. (mg/kg)	08-SB-02		08-SB-03		08-SB-01		08-SB-01	
	10 - 10.5		10 - 10.5		10 - 10.5		10 - 2	
1,3-Dichlorobenzene	NA		NA		NA		ND	(0.0287) [1]
1,4-Dichlorobenzene	NA		NA		NA		ND	(0.0235) [1]
2,4,5-Trichloropheno]	NA		NA		NA		ND	(0.0203) [1]
2,4,6-Trichloropheno]	NA		NA		NA		ND	(0.0202) [1]
2,4-Dichloropheno]	NA		NA		NA		ND	(0.0227) [1]
2,4-Dimethylphenol	NA		NA		NA		ND	(0.0520) [1]
2,4-Dinitrophenol	NA		NA		NA		ND	(0.167) [1]
2,4-Dinitrotoluene	NA		NA		NA		ND	(0.0236) [1]
2,6-Dinitrotoluene	NA		NA		NA		ND	(0.0344) [1]
2-Chloronaphthalene	NA		NA		NA		ND	(0.0157) [1]
2-Chlorophenol	NA		NA		NA		ND	(0.0254) [1]
2-Methylnaphthalene	NA		NA		NA		ND	(0.0145) [1]
2-Methylphenol (o-cresol)	NA		NA		NA		ND	(0.0124) [1]
2-Nitroaniline	NA		NA		NA		ND	(0.0265) [1]
2-Nitrophenol	NA		NA		NA		ND	(0.0209) [1]
3,3'-Dichlorobenzidine	NA		NA		NA		ND	(0.0133) [1]
3-Nitroaniline	NA		NA		NA		ND	(0.0157) [1]
4,6-Dinitro-2-methylphenol	NA		NA		NA		ND	(0.0172) [1]
4-Bromophenyl phenyl ether	NA		NA		NA		ND	(0.0193) [1]
4-Chloro-3-methylphenol	NA		NA		NA		ND	(0.0206) [1]
4-Chloroaniline	NA		NA		NA		ND	(0.0298) [1]
4-Chlorophenyl phenyl ether	NA		NA		NA		ND	(0.0168) [1]
4-Methylphenol (p-cresol)	NA		NA		NA		ND	(0.0183) [1]
4-Nitroaniline	NA		NA		NA		ND	(0.0242) [1]
4-Nitrophenol	NA		NA		NA		ND	(0.0375) [1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID									
LOCATION ID									
SAMPLE ID									
BEG. DEPTH - END DEPTH (FT.)									
7									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
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08-SB-02									
08-SB-02-01									
10 - 10.5									
7									
08-SB-03									
08-SB-03-01									
10 - 10.5									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
09-SB-01									
09-SB-01-01									
0 - 2									
7									
08-SB-02									
08-SB-02-01									
10 - 10.5									
7									
08-SB-03									
08-SB-03-01									
10 - 10.5									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
09-SB-01									
09-SB-01-01									
0 - 2									
7									
08-SB-02									
08-SB-02-01									
10 - 10.5									
7									
08-SB-03									
08-SB-03-01									
10 - 10.5									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
09-SB-01									
09-SB-01-01									
0 - 2									
7									
08-SB-02									
08-SB-02-01									
10 - 10.5									
7									
08-SB-03									
08-SB-03-01									
10 - 10.5									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
09-SB-01									
09-SB-01-01									
0 - 2									
7									
08-SB-02									
08-SB-02-01									
10 - 10.5									
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08-SB-03									
08-SB-03-01									
10 - 10.5									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
09-SB-01									
09-SB-01-01									
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08-SB-02									
08-SB-02-01									
10 - 10.5									
7									
08-SB-03									
08-SB-03-01									
10 - 10.5									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
09-SB-01									
09-SB-01-01									
0 - 2									
7									
08-SB-02									
08-SB-02-01									
10 - 10.5									
7									
08-SB-03									
08-SB-03-01									
10 - 10.5									
008									
09-SB-01									
09-SB-01-02									
2.5 - 4.5									
008									
09-SB-01									
09-SB-0									

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A9-71

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				BEG. DEPTH - END DEPTH (FT.)							
	SAMPLE ID											
	7				7							
	08-SB-02				08-SB-03				008			
	08-SB-02-01				08-SB-03-01				09-SB-01			
	10 - 10.5				10 - 10.5				09-SB-01-01			
									0 - 2			
									2.5 - 4.5			
SW8270 - Semivolatile Organics, cont. (mg/kg)												
Indeno(1,2,3-cd)pyrene	NA				NA					0.0190	J	(0.0532)
Isophorone	NA				NA					ND		(0.0246)
N-Nitroso-di-n-propylamine	NA				NA					ND		(0.0261)
Naphthalene	NA				NA					0.196		(0.0191)
Nitrobenzene	NA				NA					ND		(0.0337)
Pentachloropheno1	NA				NA					ND		(0.0355)
Phenanthrene	NA				NA					0.0496		(0.0187)
Pheno1	NA				NA					ND		(0.0353)
Pyrene	NA				NA					0.0592		(0.0163)
bis(2-Chloroethoxy)methane	NA				NA					ND		(0.0242)
bis(2-Chloroethyl)ether	NA				NA					ND		(0.0153)
bis(2-Chloroisopropyl)ether	NA				NA					ND		(0.0319)
bis(2-Ethylhexyl)phthalate	NA				NA					ND		(0.0232)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID													
LOCATION ID													
SAMPLE ID													
BEG. DEPTH - END DEPTH (FT.)													
PARAMETER	008	008	008	008	008	008	008	008	008	008	008	008	008
	09-SB-01	09-SB-01	09-SB-01-03	09-SB-01	09-SB-01-04	09-SB-01-04	09-SB-01-04	09-SB-01-04	09-SB-01-04	09-SB-01-04	09-SB-01-04	09-SB-01-04	09-SB-01-04
	5 - 7	7.5 - 9.5	5 - 7	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5	7.5 - 9.5
	10.0	1.00	10.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Diesel Range Organics (mg/kg)	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (
Diesel Range Organics	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)	20.0)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Gasoline Range Organics (mg/kg)													
Gasoline Range Organics	60.0	6.00	60.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
	(	J (	(	J (	(	J (	(	J (	(	J (	(	J ((
	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Percent Solid (percent)													
Percent moisture	21.4	14.7	21.4	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
	(((((((((((((
	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)	0.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
SW8240 - Volatile Organics (ug/kg)													
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Butanone(MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
4-Methyl-2-pentanone(MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)	40.0)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Acetone	8.90	8.00	8.90	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (	JB (
	100)	100)	100)	100)	100)	100)	100)	100)	100)	100)	100)	100)	100)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Benzene	ND	1.60	ND	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60	1.60
	(	J (	(	J (	(	J (	(	J (	(	J (	(	J ((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)	7.00)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	(((((((((((((
	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)	10.0)
	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	008	008	008	008	008	008
	09-SB-01	09-SB-01	09-SB-01	10-SB-04	10-SB-04	10-SB-04
	09-SB-01-03	09-SB-01-04	09-SB-01-04	10-SB-04-01	10-SB-04-02	10-SB-04-02
	5 - 7	7.5 - 9.5	7.5 - 9.5	0 - 2	3 - 5	3 - 5
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND
Tribromomethane(Bromoform)	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND
Vinyl acetate	ND	ND	ND	ND	ND	ND
Vinyl chloride	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
m & p-Xylene	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		008		008	
	09-SB-01		09-SB-01-04		09-SB-01-03		10-SB-04		10-SB-04-02	
	5 - 7		7.5 - 9.5		0 - 2		3 - 5			

SW8270 - Semivolatile Organics, cont. (mg/kg)										
1,3-Dichlorobenzene	ND	(0.0304)	[1]	ND	(0.0280)	[1]	ND	(0.0136)	[1]	ND (0.0173) [1]
1,4-Dichlorobenzene	ND	(0.0249)	[1]	ND	(0.0229)	[1]	ND	(0.0279)	[1]	ND (0.0353) [1]
2,4,5-Trichloropheno	ND	(0.0216)	[1]	ND	(0.0198)	[1]	ND	(0.0114)	[1]	ND (0.0144) [1]
2,4,6-Trichloropheno	ND	(0.0215)	[1]	ND	(0.0197)	[1]	ND	(0.0120)	[1]	ND (0.0153) [1]
2,4-Dichloropheno	ND	(0.0241)	[1]	ND	(0.0222)	[1]	ND	(0.0153)	[1]	ND (0.0194) [1]
2,4-Dimethylpheno	ND	(0.0551)	[1]	ND	(0.0507)	[1]	ND	(0.0379)	[1]	ND (0.0481) [1]
2,4-Dinitrophenol	ND	(0.177)	[1]	ND	(0.163)	[1]	ND	(0.241)	[1]	ND (0.306) [1]
2,4-Dinitrotoluene	ND	(0.0251)	[1]	ND	(0.0230)	[1]	ND	(0.0190)	[1]	ND (0.0240) [1]
2,6-Dinitrotoluene	ND	(0.0365)	[1]	ND	(0.0336)	[1]	ND	(0.0119)	[1]	ND (0.0151) [1]
2-Chloronaphthalene	ND	(0.0166)	[1]	ND	(0.0153)	[1]	ND	(0.0112)	[1]	ND (0.0142) [1]
2-Chloropheno	ND	(0.0269)	[1]	ND	(0.0248)	[1]	ND	(0.0263)	[1]	ND (0.0334) [1]
2-Methylnaphthalene	0.0903	(0.0154)	[1]	ND	(0.0142)	[1]	ND	(0.0228)	[1]	ND (0.0288) [1]
2-Methylpheno (o-cresol)	ND	(0.0131)	[1]	ND	(0.0121)	[1]	ND	(0.0184)	[1]	ND (0.0233) [1]
2-Nitroaniline	ND	(0.0281)	[1]	ND	(0.0259)	[1]	ND	(0.0139)	[1]	ND (0.0176) [1]
2-Nitrophenol	ND	(0.0221)	[1]	ND	(0.0204)	[1]	ND	(0.0152)	[1]	ND (0.0192) [1]
3,3'-Dichlorobenzidine	ND	(0.0141)	[1]	ND	(0.0130)	[1]	ND	(0.0169)	[1]	ND (0.0214) [1]
3-Nitroaniline	ND	(0.0167)	[1]	ND	(0.0153)	[1]	ND	(0.0175)	[1]	ND (0.0222) [1]
4,6-Dinitro-2-methylphenol	ND	(0.0182)	[1]	ND	(0.0168)	[1]	ND	(0.0273)	[1]	ND (0.0346) [1]
4-Bromophenyl phenyl ether	ND	(0.0205)	[1]	ND	(0.0189)	[1]	ND	(0.0157)	[1]	ND (0.0199) [1]
4-Chloro-3-methylphenol	ND	(0.0218)	[1]	ND	(0.0201)	[1]	ND	(0.0249)	[1]	ND (0.0316) [1]
4-Chloroaniline	ND	(0.0316)	[1]	ND	(0.0291)	[1]	ND	(0.0193)	[1]	ND (0.0244) [1]
4-Chlorophenyl phenyl ether	ND	(0.0179)	[1]	ND	(0.0164)	[1]	ND	(0.0182)	[1]	ND (0.0231) [1]
4-Methylphenol(p-cresol)	ND	(0.0195)	[1]	ND	(0.0179)	[1]	ND	(0.0198)	[1]	ND (0.0251) [1]
4-Nitroaniline	ND	(0.0257)	[1]	ND	(0.0236)	[1]	ND	(0.0167)	[1]	ND (0.0212) [1]
4-Nitrophenol	ND	(0.0397)	[1]	ND	(0.0365)	[1]	ND	(0.0238)	[1]	ND (0.0302) [1]

Compiled: 17 March 1995

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)								
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID						
	008		008		008		008						
SW8270 - Semivolatile Organics, cont. (mg/kg)	Acenaphthene	ND	(0.0115)	[1]	ND	(0.0106)	[1]	ND	(0.0165)	[1]	ND	(0.0209)	[1]
	Acenaphthylene	ND	(0.0177)	[1]	ND	(0.0163)	[1]	ND	(0.00779)	[1]	ND	(0.00988)	[1]
	Anthracene	ND	(0.0156)	[1]	ND	(0.0144)	[1]	ND	(0.0200)	[1]	ND	(0.0254)	[1]
	Benzo(a)anthracene	0.0136 J	(0.0190)	[1]	ND	(0.0175)	[1]	ND	(0.0178)	[1]	ND	(0.0225)	[1]
	Benzo(a)pyrene	0.0183 J	(0.0220)	[1]	ND	(0.0202)	[1]	0.0105 J	(0.0132)	[1]	0.00940 J	(0.0167)	[1]
	Benzo(b)fluoranthene	0.0203 FJ	(0.0385)	[1]	ND	(0.0354)	[1]	0.0131 FJ	(0.0196)	[1]	ND	(0.0249)	[1]
	Benzo(g,h,i)perylene	ND	(0.0433)	[1]	ND	(0.0398)	[1]	0.0208	(0.0168)	[1]	ND	(0.0213)	[1]
	Benzo(k)fluoranthene	0.0203 FJ	(0.0424)	[1]	ND	(0.0390)	[1]	0.0131 FJ	(0.0334)	[1]	ND	(0.0423)	[1]
	Benzoic acid	ND	(1.64)	[1]	ND	(1.51)	[1]	ND	(0.137)	[1]	ND	(0.173)	[1]
	Benzyl alcohol	ND	(0.0259)	[1]	ND	(0.0238)	[1]	ND	(0.0372)	[1]	ND	(0.0472)	[1]
	Butylbenzylphthalate	ND	(0.0265)	[1]	ND	(0.0244)	[1]	ND	(0.0135)	[1]	ND	(0.0172)	[1]
	Chrysene	0.0254	(0.0228)	[1]	ND	(0.0209)	[1]	0.0144 J	(0.0231)	[1]	ND	(0.0292)	[1]
	Di-n-butylphthalate	ND	(0.0137)	[1]	ND	(0.0126)	[1]	ND	(0.0170)	[1]	ND	(0.0215)	[1]
	Di-n-octylphthalate	ND	(0.0149)	[1]	ND	(0.0137)	[1]	ND	(0.0314)	[1]	ND	(0.0398)	[1]
	Dibenz(a,h)anthracene	ND	(0.0344)	[1]	ND	(0.0316)	[1]	ND	(0.0163)	[1]	ND	(0.0207)	[1]
Dibenzofuran	ND	(0.0228)	[1]	ND	(0.0209)	[1]	ND	(0.0141)	[1]	ND	(0.0178)	[1]	
Diethylphthalate	ND	(0.0218)	[1]	ND	(0.0201)	[1]	ND	(0.0116)	[1]	ND	(0.0147)	[1]	
Dimethylphthalate	ND	(0.0142)	[1]	ND	(0.0131)	[1]	ND	(0.00965)	[1]	ND	(0.0122)	[1]	
Diphenylamine/N-NitrosoDPA	ND	(0.0114)	[1]	ND	(0.0105)	[1]	ND	(0.0195)	[1]	ND	(0.0247)	[1]	
Fluoranthene	0.0185 J	(0.0200)	[1]	ND	(0.0184)	[1]	0.0200 J	(0.0220)	[1]	ND	(0.0279)	[1]	
Fluorene	ND	(0.0161)	[1]	ND	(0.0148)	[1]	ND	(0.0116)	[1]	ND	(0.0147)	[1]	
Hexachlorobenzene	ND	(0.0133)	[1]	ND	(0.0122)	[1]	ND	(0.00807)	[1]	ND	(0.0102)	[1]	
Hexachlorobutadiene	ND	(0.0217)	[1]	ND	(0.0200)	[1]	ND	(0.0241)	[1]	ND	(0.0305)	[1]	
Hexachlorocyclopentadiene	ND	(0.250)	[1]	ND	(0.230)	[1]	ND	(0.307)	[1]	ND	(0.390)	[1]	
Hexachloroethane	ND	(0.0269)	[1]	ND	(0.0248)	[1]	ND	(0.0205)	[1]	ND	(0.0260)	[1]	

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	008		008		008		008		008	
	09-SB-01		09-SB-01		09-SB-01		10-SB-04		10-SB-04	
	09-SB-01-03		09-SB-01-04		09-SB-01-04		10-SB-04-01		10-SB-04-02	
	5 - 7		7.5 - 9.5		7.5 - 9.5		0 - 2		3 - 5	
SW8270 - Semivolatile Organics, cont. (mg/kg)										
Indeno(1,2,3-cd)pyrene	ND	(0.0564)	[1]	ND	(0.0519)	[1]	ND	(0.0181)	[1]	ND (0.0229)
Isophorone	ND	(0.0261)	[1]	ND	(0.0240)	[1]	ND	(0.00989)	[1]	ND (0.0125)
N-Nitroso-di-n-propylamine	ND	(0.0277)	[1]	ND	(0.0255)	[1]	ND	(0.0259)	[1]	ND (0.0328)
Naphthalene	0.115	(0.0203)	[1]	ND	(0.0186)	[1]	ND	(0.0251)	[1]	ND (0.0319)
Nitrobenzene	ND	(0.0357)	[1]	ND	(0.0328)	[1]	ND	(0.0182)	[1]	ND (0.0231)
Pentachlorophenol	ND	(0.0377)	[1]	ND	(0.0347)	[1]	ND	(0.0298)	[1]	ND (0.0378)
Phenanthrene	0.0188 J	(0.0198)	[1]	ND	(0.0183)	[1]	0.00955 JB	(0.0214)	[1]	ND (0.0272)
Phenol	ND	(0.0374)	[1]	ND	(0.0344)	[1]	ND	(0.0138)	[1]	ND (0.0174)
Pyrene	0.0241	(0.0173)	[1]	ND	(0.0159)	[1]	0.0182	(0.0161)	[1]	ND (0.0205)
bis(2-Chloroethoxy)methane	ND	(0.0257)	[1]	ND	(0.0236)	[1]	ND	(0.0194)	[1]	ND (0.0246)
bis(2-Chloroethyl)ether	ND	(0.0162)	[1]	ND	(0.0149)	[1]	ND	(0.0252)	[1]	ND (0.0320)
bis(2-Chloroisopropyl)ether	ND	(0.0338)	[1]	ND	(0.0311)	[1]	ND	(0.0250)	[1]	ND (0.0317)
bis(2-Ethylhexyl)phthalate	ND	(0.0246)	[1]	ND	(0.0227)	[1]	0.0679	(0.0631)	[1]	ND (0.0800)

Compiled: 17 March 1995

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ND

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NA

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A9-77

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	008	008	008	008	008	008	008	008	008	008		
	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04		
	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03	10-SB-04-03		
	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9		
	0.00	JB	(	20.0)	[1]	1.00	JB	(	20.0)	[1]		
Diesel Range Organics (mg/kg)	0.00	JB	(	20.0)	[1]	1.00	JB	(	20.0)	[1]		
Diesel Range Organics	0.00	JB	(	20.0)	[1]	1.00	JB	(	20.0)	[1]		
Gasoline Range Organics (mg/kg)	0.00	JB	(	10.0)	[1]	0.00	JB	(	10.0)	[1]		
Gasoline Range Organics	0.00	JB	(	10.0)	[1]	0.00	JB	(	10.0)	[1]		
Percent Solid (percent)	5.46	(	0.00)	[1]	4.95	(	0.00)	[1]	6.69	(	0.00)	[1]
Percent moisture	5.46	(	0.00)	[1]	4.95	(	0.00)	[1]	6.69	(	0.00)	[1]
SW8240 - Volatile Organics (ug/kg)	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1,1-Trichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1,2,2-Tetrachloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1,2-Trichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1-Dichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,1-Dichloroethene	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,2-Dichloroethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
1,2-Dichloropropane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
2-Butanone(MEK)	ND	(	30.0)	[1]	ND	(	30.0)	[1]	ND	(	2000)	[4]
2-Chloroethyl vinyl ether	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
2-Hexanone	ND	(	30.0)	[1]	ND	(	30.0)	[1]	ND	(	2000)	[4]
4-Methyl-2-pentanone(MIBK)	ND	(	30.0)	[1]	ND	(	30.0)	[1]	ND	(	2000)	[4]
Acetone	6.20	JB	(	100)	[1]	3.90	JB	(	100)	[1]	8000)	[4]
Benzene	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
Bromodichloromethane	ND	(	5.00)	[1]	ND	(	6.00)	[1]	ND	(	400)	[4]
Bromomethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	[4]
Carbon disulfide	ND	(10.0)	[1]	ND	(10.0)	[1]	ND	(800)	[4]

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	008	008	008	008	008	008	008	008	008	008
	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-05	10-SB-05	10-SB-05
	10-SB-04-03	10-SB-04-03	10-SB-04-04	10-SB-04-04	10-SB-04-04	10-SB-04-04	10-SB-04-04	10-SB-05-01	10-SB-05-02	10-SB-05-02
	7 - 9	7 - 9	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	0 - 2	3 - 5	3 - 5
SW8240 - Volatile Organics, cont. (ug/kg)										
Carbon tetrachloride	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Chlorobenzene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Chloroethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Chloroform	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Chloromethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Dibromochloromethane	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Ethylbenzene	ND	(5.00)	[1]	ND	(6.00)	[1]	4900	(400)	8200	(300)
Methylene chloride	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Styrene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Tetrachloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Toluene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	36000	(300)
Tribromomethane(Bromoform)	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Trichloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
Vinyl acetate	ND	(50.0)	[1]	ND	(60.0)	[1]	ND	(4000)	ND	(3000)
Vinyl chloride	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
cis-1,2-Dichloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
cis-1,3-Dichloropropene	ND	(20.0)	[1]	ND	(20.0)	[1]	3800	(1000)	28000	(800)
m & p-Xylene	ND	(10.0)	[1]	ND	(10.0)	[1]	8800	(800)	8100	(500)
o-Xylene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
trans-1,2-Dichloroethene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
trans-1,3-Dichloropropene	ND	(5.00)	[1]	ND	(6.00)	[1]	ND	(400)	ND	(300)
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.0208)	[1]	ND	(0.0207)	[1]	ND	(0.0620)	ND	(0.745)
1,2-Dichlorobenzene	ND	(0.0274)	[1]	ND	(0.0272)	[1]	ND	(0.0669)	ND	(0.804)

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TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	008		008		008		008		008	
	10-SB-04		10-SB-04		10-SB-04		10-SB-04		10-SB-04	
	10-SB-04-03		10-SB-04-04		10-SB-05-01		10-SB-05-02		10-SB-05-02	
	7 - 9		10 - 12		0 - 2		3 - 5			
SW8270 - Semivolatile Organics, cont. (mg/kg)										
1,3-Dichlorobenzene	ND	(0.0139)	[1]	ND	(0.0138)	[1]	ND	(0.0756)	[1]	ND
1,4-Dichlorobenzene	ND	(0.0284)	[1]	ND	(0.0283)	[1]	ND	(0.0620)	[1]	ND
2,4,5-Trichlorophenol	ND	(0.0116)	[1]	ND	(0.0115)	[1]	ND	(0.0536)	[1]	ND
2,4,6-Trichlorophenol	ND	(0.0123)	[1]	ND	(0.0122)	[1]	ND	(0.0533)	[1]	ND
2,4-Dichlorophenol	ND	(0.0156)	[1]	ND	(0.0155)	[1]	ND	(0.0600)	[1]	ND
2,4-Dimethylphenol	ND	(0.0387)	[1]	ND	(0.0385)	[1]	ND	(0.137)	[1]	ND
2,4-Dinitrophenol	ND	(0.246)	[1]	ND	(0.245)	[1]	ND	(0.440)	[1]	ND
2,4-Dinitrotoluene	ND	(0.0194)	[1]	ND	(0.0192)	[1]	ND	(0.0623)	[1]	ND
2,6-Dinitrotoluene	ND	(0.0122)	[1]	ND	(0.0121)	[1]	ND	(0.0907)	[1]	ND
2-Chloronaphthalene	ND	(0.0114)	[1]	ND	(0.0113)	[1]	ND	(0.0413)	[1]	ND
2-Chlorophenol	ND	(0.0269)	[1]	ND	(0.0267)	[1]	ND	(0.0669)	[1]	ND
2-Methylnaphthalene	ND	(0.0232)	[1]	ND	(0.0231)	[1]	0.750	(0.0384)	[1]	36.6
2-Methylphenol (o-cresol)	ND	(0.0188)	[1]	ND	(0.0187)	[1]	ND	(0.0327)	[1]	ND
2-Nitroaniline	ND	(0.0141)	[1]	ND	(0.0141)	[1]	ND	(0.0699)	[1]	ND
2-Nitrophenol	ND	(0.0155)	[1]	ND	(0.0154)	[1]	ND	(0.0550)	[1]	ND
3,3'-Dichlorobenzidine	ND	(0.0172)	[1]	ND	(0.0171)	[1]	ND	(0.0351)	[1]	ND
3-Nitroaniline	ND	(0.0179)	[1]	ND	(0.0178)	[1]	ND	(0.0414)	[1]	ND
4,6-Dinitro-2-methylphenol	ND	(0.0279)	[1]	ND	(0.0277)	[1]	ND	(0.0453)	[1]	ND
4-Bromophenyl phenyl ether	ND	(0.0160)	[1]	ND	(0.0159)	[1]	ND	(0.0510)	[1]	ND
4-Chloro-3-methylphenol	ND	(0.0254)	[1]	ND	(0.0253)	[1]	ND	(0.0543)	[1]	ND
4-Chloroaniline	ND	(0.0197)	[1]	ND	(0.0196)	[1]	0.606	(0.0785)	[1]	2.38
4-Chlorophenyl phenyl ether	ND	(0.0186)	[1]	ND	(0.0185)	[1]	ND	(0.0444)	[1]	ND
4-Methylphenol (p-cresol)	ND	(0.0202)	[1]	ND	(0.0201)	[1]	ND	(0.0484)	[1]	ND
4-Nitroaniline	ND	(0.0170)	[1]	ND	(0.0169)	[1]	ND	(0.0639)	[1]	ND
4-Nitrophenol	ND	(0.0243)	[1]	ND	(0.0242)	[1]	ND	(0.0987)	[1]	ND

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PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		008			008		
							10-SB-04			10-SB-05		
							10 - 12			0 - 2		

SW8270 - Semivolatile Organics, cont. (mg/kg)												
Acenaphthene	ND	(0.0168)	[1]	ND	(0.0167)	[1]	ND	(0.0287)	[1]	ND	(0.344)	[1]
Acenaphthylene	ND	(0.00795)	[1]	ND	(0.00790)	[1]	ND	(0.0440)	[1]	ND	(0.529)	[1]
Anthracene	ND	(0.0204)	[1]	ND	(0.0203)	[1]	ND	(0.0388)	[1]	ND	(0.466)	[1]
Benzo(a)anthracene	ND	(0.0181)	[1]	ND	(0.0180)	[1]	ND	(0.0473)	[1]	ND	(0.569)	[1]
Benzo(a)pyrene	ND	(0.0135)	[1]	ND	(0.0134)	[1]	ND	(0.0546)	[1]	ND	(0.656)	[1]
Benzo(b)fluoranthene	ND	(0.0200)	[1]	ND	(0.0199)	[1]	ND	(0.0957)	[1]	ND	(1.15)	[1]
Benzo(g,h,i)perylene	ND	(0.0171)	[1]	ND	(0.0170)	[1]	ND	(0.107)	[1]	ND	(1.29)	[1]
Benzo(k)fluoranthene	ND	(0.0341)	[1]	ND	(0.0339)	[1]	ND	(0.105)	[1]	ND	(1.27)	[1]
Benzoic acid	ND	(0.139)	[1]	ND	(0.139)	[1]	ND	(4.07)	[1]	ND	(48.9)	[1]
Benzyl alcohol	ND	(0.0380)	[1]	ND	(0.0378)	[1]	ND	(0.0643)	[1]	ND	(0.773)	[1]
Butylbenzylphthalate	ND	(0.0138)	[1]	ND	(0.0137)	[1]	ND	(0.0659)	[1]	ND	(0.792)	[1]
Chrysene	ND	(0.0235)	[1]	ND	(0.0234)	[1]	ND	(0.0566)	[1]	ND	(0.680)	[1]
Di-n-butylphthalate	ND	(0.0173)	[1]	ND	(0.0172)	[1]	ND	(0.0341)	[1]	ND	(0.410)	[1]
Di-n-octylphthalate	ND	(0.0321)	[1]	ND	(0.0319)	[1]	ND	(0.0371)	[1]	ND	(0.446)	[1]
Dibenz(a,h)anthracene	ND	(0.0167)	[1]	ND	(0.0166)	[1]	ND	(0.0855)	[1]	ND	(1.03)	[1]
Dibenzofuran	ND	(0.0144)	[1]	ND	(0.0143)	[1]	ND	(0.0566)	[1]	1.29	(0.680)	[1]
Diethylphthalate	ND	(0.0118)	[1]	ND	(0.0118)	[1]	ND	(0.0543)	[1]	ND	(0.652)	[1]
Dimethylphthalate	ND	(0.00985)	[1]	ND	(0.00979)	[1]	ND	(0.0354)	[1]	ND	(0.426)	[1]
Diphenylamine/N-NitrosobPA	ND	(0.0199)	[1]	ND	(0.0198)	[1]	ND	(0.0283)	[1]	ND	(0.341)	[1]
Fluoranthene	ND	(0.0224)	[1]	ND	(0.0223)	[1]	0.0183 J	(0.0496)	[1]	ND	(0.597)	[1]
Fluorene	ND	(0.0118)	[1]	ND	(0.0118)	[1]	0.111	(0.0400)	[1]	1.11	(0.481)	[1]
Hexachlorobenzene	ND	(0.00823)	[1]	ND	(0.00818)	[1]	ND	(0.0331)	[1]	ND	(0.398)	[1]
Hexachlorobutadiene	ND	(0.0246)	[1]	ND	(0.0244)	[1]	ND	(0.0540)	[1]	ND	(0.648)	[1]
Hexachlorocyclopentadiene	ND	(0.314)	[1]	ND	(0.312)	[1]	ND	(0.621)	[1]	ND	(7.46)	[1]
Hexachloroethane	ND	(0.0209)	[1]	ND	(0.0208)	[1]	ND	(0.0669)	[1]	ND	(0.804)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)											
	008			008			008			008		
	10-SB-04			10-SB-04			10-SB-05			10-SB-05		
	10-SB-04-03			10-SB-04-04			10-SB-05-01			10-SB-05-02		
	7 - 9			10 - 12			0 - 2			3 - 5		
SW8270 - Semivolatile Organics, cont. (mg/kg)												
Indeno(1,2,3-cd)pyrene	ND	(0.0185)	[1]	ND	(0.0184)	[1]	ND	(0.140)	[1]	ND	(1.68)	[1]
Isophorone	ND	(0.0101)	[1]	ND	(0.0100)	[1]	ND	(0.0649)	[1]	ND	(0.780)	[1]
N-Nitroso-di-n-propylamine	ND	(0.0264)	[1]	ND	(0.0263)	[1]	ND	(0.0689)	[1]	ND	(0.828)	[1]
Naphthalene	ND	(0.0257)	[1]	ND	(0.0255)	[1]	0.228	(0.0504)	[1]	23.8	(0.605)	[1]
Nitrobenzene	ND	(0.0186)	[1]	ND	(0.0185)	[1]	ND	(0.0887)	[1]	ND	(1.07)	[1]
Pentachlorophenol	ND	(0.0304)	[1]	ND	(0.0302)	[1]	ND	(0.0937)	[1]	ND	(1.13)	[1]
Phenanthrene	ND	(0.0219)	[1]	ND	(0.0218)	[1]	0.0239 J	(0.0493)	[1]	ND	(0.593)	[1]
Phenol	ND	(0.0140)	[1]	ND	(0.0140)	[1]	ND	(0.0930)	[1]	ND	(1.12)	[1]
Pyrene	ND	(0.0165)	[1]	ND	(0.0164)	[1]	0.0190 J	(0.0430)	[1]	ND	(0.517)	[1]
bis(2-Chloroethoxy)methane	ND	(0.0198)	[1]	ND	(0.0197)	[1]	ND	(0.0639)	[1]	ND	(0.767)	[1]
bis(2-Chloroethyl)ether	ND	(0.0258)	[1]	ND	(0.0256)	[1]	ND	(0.0404)	[1]	ND	(0.485)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.0255)	[1]	ND	(0.0254)	[1]	ND	(0.0841)	[1]	ND	(1.01)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.0644)	[1]	ND	(0.0640)	[1]	ND	(0.0612)	[1]	ND	(0.736)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	008				008				008				008			
	10-SB-05 10-SB-05-DS-02 Dup of 10-SB-05-02 3 - 5				10-SB-05 10-SB-05-03				10-SB-05 10-SB-05-04				10-SB-07 10-SB-07-01 0 - 0.5			
Diesel Range Organics (mg/kg)	490	(	20.0)	[10]	1800	(	20.0)	[10]	4400	(	20.0)	[10]	NA			
Diesel Range Organics	7300	(	10.0)	[100]	2200	(	10.0)	[100]	4600	(	10.0)	[50]	NA			
Gasoline Range Organics (mg/kg)	25.2	(	0.00)	[1]	13.1	(	0.00)	[1]	7.84	(	0.00)	[1]	16.6	(	0.00)	[1]
Percent Solid (percent)																
Percent moisture																
SW8240 - Volatile Organics (ug/kg)	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
1,1,1-Trichloroethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
1,1,2,2-Tetrachloroethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
1,1,2-Trichloroethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
1,1-Dichloroethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
1,1-Dichloroethene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
1,2-Dichloroethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
1,2-Dichloropropane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
2-Butanone(MEK)	ND	(	7000)	[10]	ND	(	6000)	[10]	ND	(	12000)	[20]	NA			
2-Chloroethyl vinyl ether	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
2-Hexanone	ND	(	7000)	[10]	ND	(	6000)	[10]	ND	(	12000)	[20]	NA			
4-Methyl-2-pentanone(MIBK)	ND	(	7000)	[10]	ND	(	6000)	[10]	ND	(	12000)	[20]	NA			
Acetone	ND	(	27000)	[10]	ND	(	22000)	[10]	ND	(	47000)	[20]	NA			
Benzene	15000	(	1000)	[10]	14000	(	1000)	[10]	66000	(	2000)	[20]	NA			
Bromodichloromethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			
Bromomethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA			

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID													
LOCATION ID													
SAMPLE ID													
BEG. DEPTH - END DEPTH (FT.)													
008													
10-SB-05													
10-SB-05-DS-02 Dup of													
10-SB-05-02													
3 - 5													
8 - 10													
11 - 13													
0 - 0.5													
PARAMETER													
SW8240 - Volatile Organics, cont. (ug/kg)													
Carbon disulfide	ND	(	3000)	[10]	ND	(	2000)	[10]	ND	(	5000)	[20]	NA
Carbon tetrachloride	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Chlorobenzene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Chloroethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Chloroform	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Chloromethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Dibromochloromethane	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Ethylbenzene	24000	(	1000)	[10]	29000	(	1000)	[10]	92000	(	2000)	[20]	NA
Methylene chloride	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Styrene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Tetrachloroethene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Toluene	97000	(	1000)	[10]	100000	(	1000)	[10]	370000	(	2000)	[20]	NA
Tribromomethane(Bromoform)	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Trichloroethene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
Vinyl acetate	ND	(	14000)	[10]	ND	(	11000)	[10]	ND	(	23000)	[20]	NA
Vinyl chloride	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
cis-1,2-Dichloroethene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
cis-1,3-Dichloropropene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
m & p-Xylene	84000	(	4000)	[10]	120000	(	3000)	[10]	350000	(	7000)	[20]	NA
o-Xylene	23000	(	3000)	[10]	35000	(	2000)	[10]	100000	(	5000)	[20]	NA
trans-1,2-Dichloroethene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
trans-1,3-Dichloropropene	ND	(	1000)	[10]	ND	(	1000)	[10]	ND	(	2000)	[20]	NA
SW8270 - Semivolatile Organics (mg/kg)													

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
SW8270 - Semivolatile Organics, cont. (mg/kg)	008		008		008		008		008	
	10-SB-05		10-SB-05		10-SB-05		10-SB-05		10-SB-05	
	10-SB-05-DS-02 Dup of		10-SB-05-03		10-SB-05-04		10-SB-05-04		10-SB-05-04	
	10-SB-05-02									
	3 - 5		8 - 10		11 - 13		0 - 0.5			
1,2,4-Trichlorobenzene	ND	(0.763)	[1]	ND	(0.550)	[1]	ND	(0.550)	[1]	NA
1,2-Dichlorobenzene	ND	(0.824)	[1]	ND	(0.594)	[1]	ND	(0.604)	[1]	NA
1,3-Dichlorobenzene	ND	(0.931)	[1]	ND	(0.671)	[1]	ND	(0.682)	[1]	NA
1,4-Dichlorobenzene	ND	(0.763)	[1]	ND	(0.550)	[1]	ND	(0.560)	[1]	NA
2,4,5-Trichlorophenol	ND	(0.661)	[1]	ND	(0.476)	[1]	ND	(0.484)	[1]	NA
2,4,6-Trichlorophenol	ND	(0.657)	[1]	ND	(0.473)	[1]	ND	(0.482)	[1]	NA
2,4-Dichlorophenol	ND	(0.739)	[1]	ND	(0.532)	[1]	ND	(0.542)	[1]	NA
2,4-Dimethylphenol	ND	(1.69)	[1]	ND	(1.22)	[1]	ND	(1.24)	[1]	NA
2,4-Dinitrophenol	ND	(5.43)	[1]	ND	(3.91)	[1]	ND	(3.98)	[1]	NA
2,4-Dinitrotoluene	ND	(0.767)	[1]	ND	(0.553)	[1]	ND	(0.563)	[1]	NA
2,6-Dinitrotoluene	ND	(1.12)	[1]	ND	(0.806)	[1]	ND	(0.820)	[1]	NA
2-Chloronaphthalene	ND	(0.509)	[1]	ND	(0.367)	[1]	ND	(0.373)	[1]	NA
2-Chlorophenol	ND	(0.824)	[1]	ND	(0.594)	[1]	ND	(0.604)	[1]	NA
2-Methylnaphthalene	29.3	(0.472)	[1]	9.59	(0.341)	[1]	ND	(0.346)	[1]	NA
2-Methylphenol (o-cresol)	ND	(0.402)	[1]	ND	(0.290)	[1]	ND	(0.295)	[1]	NA
2-Nitroaniline	ND	(0.861)	[1]	ND	(0.620)	[1]	ND	(0.631)	[1]	NA
2-Nitrophenol	ND	(0.678)	[1]	ND	(0.488)	[1]	ND	(0.497)	[1]	NA
3,3'-Dichlorobenzidine	ND	(0.432)	[1]	ND	(0.312)	[1]	ND	(0.317)	[1]	NA
3-Nitroaniline	ND	(0.510)	[1]	ND	(0.368)	[1]	ND	(0.374)	[1]	NA
4,6-Dinitro-2-methylphenol	ND	(0.558)	[1]	ND	(0.402)	[1]	ND	(0.409)	[1]	NA
4-Bromophenyl phenyl ether	ND	(0.628)	[1]	ND	(0.453)	[1]	ND	(0.461)	[1]	NA
4-Chloro-3-methylphenol	ND	(0.668)	[1]	ND	(0.482)	[1]	ND	(0.490)	[1]	NA
4-Chloroaniline	1.88	(0.957)	[1]	ND	(0.697)	[1]	ND	(0.709)	[1]	NA
4-Chlorophenyl phenyl ether	ND	(0.546)	[1]	ND	(0.394)	[1]	ND	(0.401)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
Percent Solid (percent)	008	008	008	008
	10-SS-08	10-SS-09	10-SS-09	10-SS-10
	10-SS-08-01	10-SS-09-01	10-SS-09-DS-01 Dup of	10-SS-10-01
	0 - 0.5	0 - 0.5	10-SS-09-01	0 - 0.5
Percent moisture	11.2	(0.00) [1]	8.91 (0.00) [1]	9.16 (0.00) [1]
				9.31 (0.00) [1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A9-88

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A9-89

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID															
	SAMPLE ID															
	BEG. DEPTH - END DEPTH (FT.)															
	008		008		008		008		008		008		008		008	
	11-SS-04		11-SS-05		11-SS-06		11-SS-07		11-SS-08		11-SS-09		11-SS-10		11-SS-11	
	11-SS-04-01		11-SS-05-01		11-SS-06-01		11-SS-07-01		11-SS-08-01		11-SS-09-01		11-SS-10-01		11-SS-11-01	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
Percent Solid (percent)	9.39	(	0.00)	[1]	10.7	(	0.00)	[1]	15.5	(	0.00)	[1]	17.1	(	0.00)	[1]
Percent moisture																

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A9-90

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			

Percent Solid (percent)	008	008	008	
Percent moisture	11-SS-08	11-SS-09	11-SS-10	
	11-SS-08-01	11-SS-09-01	11-SS-10-01	
	0 - 0.5	0 - 0.5	0 - 0.5	
	6.82	(0.00) [1]	4.53 (0.00) [1]	8.37 (0.00) [1]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic (mg/kg) Arsenic	005 05-SB-04 05-SB-04-01 0 - 2	(	0.0780)	[1]	4.16	(
SW7421 - Lead (mg/kg) Lead	005 05-SB-04 05-SB-04-02 2.5 - 4.5	(	0.0812)	[1]	6.95	(
	005 05-SB-04 05-SB-04-03 5 - 7	(	0.175)	[2]	9.81	(
	005 05-SB-04 05-SB-04-04 7.5 - 9.5	(	0.163)	[2]	9.09	(

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

R

= Invalid Result, Refer to QC Report

A10-1

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg) Arsenic	005 05-SB-05 05-SB-05-01	005 05-SB-05 05-SB-05-02	005 05-SB-05 05-SB-05-DS-02 Dup of 05-SB-05-02	005 05-SB-05 05-SB-05-03
	0 - 2	4 - 6	6 - 8	10 - 12
	4.02 (0.0682) [1]	7.11 (0.203) [2]	6.34 (0.103) [1]	8.29 (0.159) [2]
	3.01 (0.0804) [1]	6.67 (0.240) [2]	6.25 (0.243) [2]	5.00 (0.0934) [1]
SW7421 - Lead (mg/kg) Lead				

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-2

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic (mg/kg) Arsenic	005	005	005	005		
	05-SB-05	05-SB-06	05-SB-06	05-SB-06		
	05-SB-05-04	05-SB-06-01	05-SB-06-02	05-SB-06-03		
	14 - 16	0 - 2	4 - 6	8 - 10		
SW7421 - Lead (mg/kg) Lead	7.09	(0.103)	[1]	33.7	(0.879)	[10]
				5.41	(0.0929)	[1]
				11.2	(0.187)	[2]
	5.46	(0.122)	[1]	45.2	(1.04)	[10]
				11.8	(0.219)	[2]
				9.00	(0.221)	[2]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)		005		005		005		005	
SW7060 - Arsenic (mg/kg)			05-SS-06		05-SS-16		05-SS-17		05-SS-18	
			05-SB-06-04		05-SS-16-01		05-SS-17-01		05-SS-18-01	
			12 - 14		0 - 0.5		0 - 0.5		0 - 0.5	
SW7421 - Lead (mg/kg)			10.7 (0.199) [2]		6.76 (0.117) [2]		10.5 (0.152) [2]		7.35 (0.124) [2]	
			7.62 (0.234) [2]		4.60 (0.147) [2]		287 (7.65) [100]		105 (2.88) [40]	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

A10-4

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
SW7060 - Arsenic (mg/kg) Arsenic										
	005		005		005		005		005	
	05-SS-19		05-SS-20		05-SS-20		05-SS-20		05-SS-21	
	05-SS-19-01		05-SS-20-01		05-SS-20-01		05-SS-20-01 Dup of		05-SS-21-01	
SW7421 - Lead (mg/kg) Lead	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5	
	9.74 (0.132) [2]		5.75 (0.126) [2]		5.40 (0.138) [2]		9.59 (0.153) [2]			
	26.6 (0.820) [10]		7.37 (0.227) [4]		6.64 (0.295) [4]		16.4 (0.771) [10]			

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-5

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					

SW7060 - Arsenic (mg/kg)						
Arsenic	5.65	(0.144)	[2]	7.51	(0.126)	[2]
				6.52	(0.122)	[2]
				8.23	(0.163)	[2]
SW7421 - Lead (mg/kg)						
Lead	69.7	(2.65)	[40]	76.8	(1.76)	[20]
				16.2	(0.849)	[10]
				19.0	(0.455)	[4]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-6

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008
	06-SB-03	06-SB-03	06-SS-07	06-SS-08
	06-SB-03-DS-03 Dup of	06-SB-03-04	06-SS-07-01	06-SS-08-01
	06-SB-03-03			
SW7421 - Lead (mg/kg) Lead	8 - 10	14 - 16	0 - 0.5	0 - 0.5
	8.01 (0.158) [2]	4.32 (0.119) [2]	5.93 (0.126) [2]	7.28 (0.132) [2]
	17.6 (0.441) [4]	4.05 (0.165) [2]	469 (17.5) [200]	852 (18.4) [200]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)					
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008	008	008
	06-SS-09	06-SS-10	06-SS-11	06-SS-11	06-SS-11	06-SS-11
	06-SS-09-01	06-SS-10-01	06-SS-11-01	06-SS-11-01	06-SS-11-01	06-SS-11-01 Dup of
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7421 - Lead (mg/kg) Lead	9.68	(0.130)	[2]	4.83	(0.129)	[2]
				5.70	(0.153)	[2]
				5.54	(0.125)	[2]
	35.6	(0.904)	[10]	30.6	(0.899)	[10]
				28.7	(1.07)	[10]
				49.1	S (1.74)	[20]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)		
	LOCATION ID			SAMPLE ID		
SW6010 - Metals (mg/kg)	008			008		
	06-SS-12			06-SS-13		
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Calcium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Iron	NA	NA	NA	NA	NA	NA
Lead	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Molybdenum	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA
SW7060 - Arsenic (mg/kg)	008			008		
	06-SS-14			06-SS-14-01		
Aluminum	4810	(	7.46)	NA	NA	NA
Antimony	-1.91	JB	(	NA	NA	NA
Arsenic	-3.36	J	(	NA	NA	NA
Barium	144	(	0.0589)	NA	NA	NA
Beryllium	0.154	(	0.0599)	NA	NA	NA
Cadmium	0.270	JB	(	NA	NA	NA
Calcium	6070	(	24.2)	NA	NA	NA
Chromium	11.4	(	0.278)	NA	NA	NA
Cobalt	4.22	(	0.531)	NA	NA	NA
Copper	16.6	(	0.251)	NA	NA	NA
Iron	11700	(	31.7)	NA	NA	NA
Lead	8.05	(	2.51)	NA	NA	NA
Magnesium	3440	(	2.78)	NA	NA	NA
Manganese	136	(	0.0120)	NA	NA	NA
Molybdenum	0.438	B	(	NA	NA	NA
Nickel	12.7	(	1.11)	NA	NA	NA
Potassium	470	(	35.2)	NA	NA	NA
Selenium	4.67	(	4.50)	NA	NA	NA
Silver	-0.432	JB	(	NA	NA	NA
Sodium	338	(	2.64)	NA	NA	NA
Thallium	1.13	JB	(	NA	NA	NA
Vanadium	19.7	(	0.438)	NA	NA	NA
Zinc	59.9	(	0.296)	NA	NA	NA

SW7060 - Arsenic (mg/kg)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																																	
	LOCATION ID		SAMPLE ID																															
	BEG. DEPTH - END DEPTH (FT.)																																	
SW7060 - Arsenic, cont. (mg/kg)	008	06-SS-12	008	06-SS-13																														
					06-SS-12-01	06-SS-14	07-SD-03																											
								0 - 0.5	06-SS-14-01	07-SD-03-01																								
0 - 0.5	0 - 0.5	0 - 0.5																																
			11.4	(0.143)	[2]	10.8				(0.154)	[2]	9.07	(0.141)	[2]	5.72	(0.172)	[2]													
								16.0	S	(0.999)	[10]	32.9	S	(1.07)	[10]	11.3	S	(0.393)	[4]	8.90	(	0.239)	[2]
NA	NA	NA																																
			NA	NA	NA	NA	0.337				(0.126)	[1]																					

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	3			3			3			3		
	07-SD-03			07-SD-04			07-SD-05			07-SD-06		
	07-SD-03-DS-01 Dup of			07-SD-04-01			07-SD-05-01			07-SD-06-01		
	07-SD-03-01			0 - 0.5			0 - 0.5			0 - 0.5		
SW6010 - Metals (mg/kg)												
Aluminum	5700	(	7.46)	[1]	9580	(	20.1)	[1]	7190	(	17.6)	[1]
Antimony	-3.08	JB	(	1.96)	[1]	-5.62	JB	(	5.29)	[1]	-7.74	JB
Arsenic	-2.61	J	(	1.61)	[1]	-7.33	J	(	4.33)	[1]	-1.75	J
Barium	164	(	0.0589)	[1]	306	(	0.159)	[1]	391	(	0.139)	[1]
Beryllium	0.211	(	0.0599)	[1]	0.252	(	0.162)	[1]	0.161	(	0.141)	[1]
Cadmium	0.517	B	(	0.292)	[1]	0.546	JB	(	0.787)	[1]	0.295	JB
Calcium	7550	(	24.2)	[1]	8470	(	65.3)	[1]	12700	(	57.1)	[1]
Chromium	13.4	(	0.278)	[1]	20.7	(	0.749)	[1]	14.8	(	0.655)	[1]
Cobalt	4.59	(	0.531)	[1]	8.53	(	1.43)	[1]	4.21	(	1.25)	[1]
Copper	21.1	(	0.251)	[1]	24.4	(	0.678)	[1]	17.0	(	0.592)	[1]
Iron	13200	(	31.7)	[1]	20400	(	85.3)	[1]	35100	(	74.6)	[1]
Lead	12.7	(	2.51)	[1]	16.5	(	6.78)	[1]	4.81	J	(	5.92)
Magnesium	4000	(	2.78)	[1]	5080	(	7.49)	[1]	3270	(	6.55)	[1]
Manganese	145	(	0.0120)	[1]	137	(	0.0324)	[1]	248	(	0.0283)	[1]
Molybdenum	0.637	(	0.267)	[1]	1.47	(	0.719)	[1]	1.14	(	0.628)	[1]
Nickel	15.9	(	1.11)	[1]	22.7	(	2.99)	[1]	13.4	(	2.61)	[1]
Potassium	525	(	35.2)	[1]	777	(	94.9)	[1]	402	(	83.0)	[1]
Selenium	4.30	J	(	4.50)	[1]	7.94	J	(	12.1)	[1]	7.71	J
Silver	-0.551	JB	(	0.186)	[1]	-1.17	JB	(	0.502)	[1]	-0.899	JB
Sodium	334	(	2.64)	[1]	1080	(	7.11)	[1]	838	(	6.21)	[1]
Thallium	1.16	JB	(	7.06)	[1]	-3.60	JB	(	19.0)	[1]	1.45	JB
Vanadium	23.0	(	0.438)	[1]	31.9	(	1.18)	[1]	27.5	(	1.03)	[1]
Zinc	73.2	(	0.296)	[1]	132	(	0.798)	[1]	45.2	(	0.698)	[1]

Compiled: 16 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Detected

R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic (mg/kg) Arsenic	3	07-SD-03	3	07-SD-04	3	07-SD-06
	07-SD-03-DS-01 Dup of		07-SD-04-01		07-SD-05-01	07-SD-06-01
SW7421 - Lead (mg/kg) Lead	07-SD-03-01					
	0 - 0.5		0 - 0.5		0 - 0.5	0 - 0.5
SW7471 - Mercury (mg/kg) Mercury	3.30	(0.165) [2]	8.41	(0.437) [2]	32.3	(0.443) [2]
					15.1	(0.376) [2]
SW7740 - Selenium (mg/kg) Selenium	6.33	(0.115) [1]	14.8	(0.304) [1]	7.48	(0.308) [1]
					6.74	(0.262) [1]
	0.0267	(0.0160) [1]	0.00 JB	(0.0444) [1]	-0.00833 JB	(0.0400) [1]
					-0.00833 JB	(0.0400) [1]
	0.261	(0.121) [1]	0.940	(0.321) [1]	1.48	(0.325) [1]
					0.548	(0.276) [1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-12

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SW7060 - Arsenic (mg/kg)

Compiled: 16 March 1995

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic, cont. (mg/kg) Arsenic	3		3		07A	
	07-SD-07		07-SS-06		07A-SB-01	
	07-SD-07-01		07-SS-06-01		07A-SB-01-01	
SW7421 - Lead (mg/kg) Lead	0 - 0.5		0 - 0.5		0 - 1.5	
	8.71 (0.221) [2]		10.4 (0.161) [2]		8.04 (0.188) [2]	
	7.58 (0.154) [1]		6.13 (0.112) [1]		6.46 (0.131) [1]	
SW7471 - Mercury (mg/kg) Mercury	-0.00431 JB (0.0207) [1]		0.0203 (0.0162) [1]		0.0143 J (0.0171) [1]	
	0.350 (0.163) [1]		-3.01 JB (0.118) [1]		1.29 (0.138) [1]	
					-0.0268 JB (0.0429) [1]	
SW7740 - Selenium (mg/kg) Selenium					2.29 (0.286) [1]	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

NA = Not Detected

ND = Not Detected

R = Invalid Result, Refer to QC Report

A10-14

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
SW6010 - Metals (mg/kg)												
Aluminum	9950	(7.02)	[1]	3910	(8.54)	[1]	8640	(7.83)	[1]	7600	(7.12)	[1]
Antimony	-1.78 JB	(1.85)	[1]	-2.15 JB	(2.25)	[1]	-1.45 JB	(2.06)	[1]	0.0942 JB	(1.88)	[1]
Arsenic	2.26	(1.51)	[1]	-0.424 J	(1.84)	[1]	1.36 J	(1.69)	[1]	3.50	(1.54)	[1]
Barium	215	(0.0555)	[1]	127	(0.0675)	[1]	141	(0.0619)	[1]	152	(0.0563)	[1]
Beryllium	0.348	(0.0564)	[1]	0.0548 JB	(0.0686)	[1]	0.203	(0.0629)	[1]	0.243	(0.0572)	[1]
Cadmium	0.142 JB	(0.275)	[1]	-0.0746 JB	(0.334)	[1]	0.119 JB	(0.307)	[1]	0.113 JB	(0.279)	[1]
Calcium	4040	(22.8)	[1]	8370	(27.7)	[1]	3490	(25.4)	[1]	3410	(23.1)	[1]
Chromium	18.5	(0.262)	[1]	8.08	(0.318)	[1]	16.3	(0.292)	[1]	14.4	(0.265)	[1]
Cobalt	6.77	(0.500)	[1]	4.37	(0.608)	[1]	4.38	(0.558)	[1]	3.71	(0.507)	[1]
Copper	15.1	(0.237)	[1]	7.18	(0.288)	[1]	10.6	(0.264)	[1]	9.77	(0.240)	[1]
Iron	12200	(29.8)	[1]	11200	(36.2)	[1]	10200	(33.2)	[1]	8450	(30.2)	[1]
Lead	7.96	(2.37)	[1]	2.85 J	(2.88)	[1]	7.43	(2.64)	[1]	6.29	(2.40)	[1]
Magnesium	2640	(2.62)	[1]	1830	(3.18)	[1]	2740	(2.92)	[1]	2150	(2.65)	[1]
Manganese	147	(0.0113)	[1]	768	(0.0138)	[1]	148	(0.0126)	[1]	149	(0.0115)	[1]
Molybdenum	0.579	(0.251)	[1]	0.766	(0.305)	[1]	0.252 JB	(0.280)	[1]	0.554 B	(0.255)	[1]
Nickel	18.1	(1.04)	[1]	10.5	(1.27)	[1]	12.2	(1.16)	[1]	11.2	(1.06)	[1]
Potassium	322	(33.2)	[1]	177	(40.3)	[1]	360	(37.0)	[1]	248	(33.6)	[1]
Selenium	6.16	(4.23)	[1]	4.54 J	(5.15)	[1]	3.84 J	(4.72)	[1]	1.41 J	(4.29)	[1]
Silver	-0.444 JB	(0.175)	[1]	-0.359 JB	(0.213)	[1]	-0.312 JB	(0.196)	[1]	-0.162 JB	(0.178)	[1]
Sodium	107	(2.48)	[1]	89.6	(3.02)	[1]	95.0	(2.77)	[1]	81.5	(2.52)	[1]
Thallium	0.0364 JB	(6.65)	[1]	0.678 JB	(8.09)	[1]	-1.23 JB	(7.41)	[1]	-2.73 JB	(6.74)	[1]
Vanadium	40.7	(0.412)	[1]	13.8	(0.501)	[1]	25.6	(0.459)	[1]	23.5	(0.418)	[1]
Zinc	36.4	(0.279)	[1]	18.0	(0.339)	[1]	28.9	(0.311)	[1]	22.4	(0.283)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R = Invalid Result, Refer to QC Report

A10-15

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)									
SW7060 - Arsenic (mg/kg)			07A	07A	07A	07A	07A	07A	07A	07A
			07A-SB-01	07A-SB-02	07A-SB-02	07A-SB-02	07A-SB-02	07A-SB-02	07A-SB-02	07A-SB-02
			07A-SB-01-02	07A-SB-02-01	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02
	1.5 - 2.2		0.8 - 1.5	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2
SW7421 - Lead (mg/kg)	4.46	(0.176)	[2]	3.68	(0.224)	[2]	2.64	(0.0989)	[1]	5.90 (0.187) [2]
	7.88	(0.433)	[4]	5.05	(0.253)	[2]	6.63	(0.228)	[2]	6.13 (0.450) [4]
	-0.0176	JB (0.0169)	[1]	-0.0154	JB (0.0185)	[1]	-0.0556	JB (0.0167)	[1]	0.00342 JB (0.0164) [1]
SW7740 - Selenium (mg/kg)	3.26	(0.110)	[1]	0.865	(0.139)	[1]	2.29	(0.123)	[1]	2.34 (0.116) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

NA = Not Detected

ND = Not Detected

R = Invalid Result, Refer to QC Report

A10-16

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	07A		07A		07A		07A		008		008	
	07A-SS-01	07A-SS-02-01	07A-SS-02	07A-SS-02-01	09-SB-01	09-SB-01-01	09-SB-01-02	09-SB-01-02				
0 - 0.5												
0 - 0.5												
0 - 2												
2.5 - 4.5												

SW6010 - Metals (mg/kg)												
Aluminum	6330	(	7.75)	[1]	2470	(	47.7)	[1]	NA	NA	NA	NA
Antimony	-4.34	JB	(	2.04)	[1]	-18.0	JB	(	12.6)	[1]	NA	NA
Arsenic	-1.57	J	(	1.67)	[1]	-92.4	J	(	10.3)	[1]	NA	NA
Barium	134	(	0.0612)	[1]	1940	(	0.377)	[1]	NA	NA	NA	NA
Beryllium	0.145	(	0.0623)	[1]	0.254	J	(	0.383)	[1]	NA	NA	NA
Cadmium	0.258	JB	(	0.304)	[1]	1.68	J	(	1.87)	[1]	NA	NA
Calcium	6170	(	25.2)	[1]	29600	(	155)	[1]	NA	NA	NA	NA
Chromium	13.8	(	0.289)	[1]	6.94	(	1.78)	[1]	NA	NA	NA	NA
Cobalt	6.11	(	0.552)	[1]	86.6	(	3.40)	[1]	NA	NA	NA	NA
Copper	10.7	(	0.261)	[1]	9.02	(	1.61)	[1]	NA	NA	NA	NA
Iron	14400	(	32.9)	[1]	136000	(	202)	[1]	NA	NA	NA	NA
Lead	6.88	(	2.61)	[1]	14.3	J	(	16.1)	[1]	NA	NA	NA
Magnesium	4470	(	2.89)	[1]	4640	(	17.8)	[1]	NA	NA	NA	NA
Manganese	454	(	0.0125)	[1]	28100	(	0.0768)	[1]	NA	NA	NA	NA
Molybdenum	0.680	(	0.277)	[1]	5.85	(	1.71)	[1]	NA	NA	NA	NA
Nickel	18.2	(	1.15)	[1]	29.8	(	7.10)	[1]	NA	NA	NA	NA
Potassium	420	(	36.6)	[1]	1060	(	225)	[1]	NA	NA	NA	NA
Selenium	5.88	(	4.68)	[1]	70.2	(	28.8)	[1]	NA	NA	NA	NA
Silver	-0.500	JB	(	0.194)	[1]	-0.449	JB	(	1.19)	[1]	NA	NA
Sodium	161	(	2.74)	[1]	301	(	16.9)	[1]	NA	NA	NA	NA
Thallium	-0.250	JB	(	7.34)	[1]	-19.1	JB	(	45.2)	[1]	NA	NA
Vanadium	25.4	(	0.455)	[1]	17.0	(	2.80)	[1]	NA	NA	NA	NA
Zinc	37.5	(	0.308)	[1]	78.0	(	1.89)	[1]	NA	NA	NA	NA

SW7060 - Arsenic (mg/kg)												

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID						SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)											
	07A	07A	07A	07A	07A	008	008	008	008	008	008	008
	07A-SS-01	07A-SS-02	07A-SS-02	07A-SS-02	07A-SS-02	09-SB-01	09-SB-01	09-SB-01	09-SB-01	09-SB-01	09-SB-01	09-SB-01
	07A-SS-01-01	07A-SS-02-01	07A-SS-02-01	07A-SS-02-01	07A-SS-02-01	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-01	09-SB-01-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 2	0 - 2	0 - 2	0 - 2	0 - 2	2.5 - 4.5	2.5 - 4.5
SW7060 - Arsenic, cont. (mg/kg)												
Arsenic	7.38	(0.189)	[2]	14.9	(0.580)	[1]	3.99	(0.139)	[2]	7.51	(0.135)	[2]
SW7421 - Lead (mg/kg)												
Lead	5.97	(0.234)	[2]	1.17	B (0.257)	[1]	2080	(38.7)	[400]	10.5	(0.373)	[4]
SW7471 - Mercury (mg/kg)												
Mercury	-0.0254	JB (0.0174)	[1]	0.0417	J (0.100)	[1]	NA			NA		
SW7740 - Selenium (mg/kg)												
Selenium	2.34	(0.118)	[1]	2.11	(0.721)	[1]	NA			NA		

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-18

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									
	BEG. DEPTH - END DEPTH (FT.)											
SW7060 - Arsenic (mg/kg)	008	008	008	008								
					09-SB-01	09-SB-01	10-SB-04	10-SB-04				
					09-SB-01-03	09-SB-01-04	10-SB-04-01	10-SB-04-02				
					5 - 7	7.5 - 9.5	0 - 2	3 - 5				
Arsenic	9.11	(0.134)	[2]	5.71	(0.142)	[2]	4.63	(0.0807)	[1]	10.9	(0.193)	[2]
SW7421 - Lead (mg/kg)	008	008	008	008								
					09-SB-01	09-SB-01	10-SB-04	10-SB-04				
					09-SB-01-03	09-SB-01-04	10-SB-04-01	10-SB-04-02				
Lead	12.2	(0.374)	[4]	4.67	(0.395)	[4]	9.81	(0.190)	[2]	8.81	(0.228)	[2]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg)	008	008	008	008
	10-SB-04	10-SB-04	10-SB-05	10-SB-05
	10-SB-04-03	10-SB-04-04	10-SB-05-01	10-SB-05-02
	7 - 9	10 - 12	0 - 2	3 - 5
Arsenic	3.91 (0.0803) [1]	3.80 (0.0721) [1]	12.0 (0.242) [4]	10.1 (0.146) [2]
SW7421 - Lead (mg/kg)				
	3.15 (0.0946) [1]	3.56 (0.0850) [1]	12.5 (0.264) [4]	12.2 (0.305) [4]
Lead				

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-20

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)		008		008		008		008	
SW7060 - Arsenic (mg/kg)	10-SB-05-DS-02 Dup of		10-SB-05		10-SB-05		10-SB-05-03		10-SB-05-04	
	10-SB-05-02		10-SB-05-02		10-SB-05-02		10-SB-05-02		10-SB-05-02	
	3 - 5		8 - 10		11 - 13		0 - 0.5		0 - 0.5	
SW7421 - Lead (mg/kg)	9.16		(0.169)		[2]		3.06		(0.129)	
Lead	8.44		(0.270)		[4]		3.41		(0.136)	
Lead	15.1		(0.300)		[4]		3.18		(0.122)	
Lead	34.3		(0.571)		[8]		3.56		(0.130)	

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

R =

Invalid Result, Refer to QC Report
A10-21

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			

SW7060 - Arsenic (mg/kg)				
Arsenic	5.42 (0.128) [2]	7.74 (0.116) [2]	5.08 (0.134) [2]	10.8 (0.223) [4]
SW7421 - Lead (mg/kg)				
Lead	29.5 (0.549) [8]	27.4 (0.498) [8]	31.1 (0.592) [8]	18.3 (0.240) [4]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008	008	008
	10-SS-11	10-SS-12	11-SS-02	11-SS-03	11-SS-03	11-SS-03
	10-SS-11-01	10-SS-12-01	11-SS-02-01	11-SS-03-01	11-SS-03-01	11-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW7421 - Lead (mg/kg) Lead	6.36	(0.151) [2]	5.13	(0.110) [2]	29.0	(0.612) [8] 7.30 (0.158) [2]
	50.9	(0.714) [10]	16.4	(0.235) [4]	40.1	(1.19) [10] 43.2 (1.16) [10]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	LOCATION ID															
	SAMPLE ID															
	BEG. DEPTH - END DEPTH (FT.)															
SW7060 - Arsenic (mg/kg)	8.09	(0.147)	[2]	7.41	(0.146)	[2]	249	(6.78)	[80]	10.3	(0.168)	[2]
SW7421 - Lead (mg/kg)	18.2	(0.445)	[4]	20.6	(0.383)	[4]	361	(9.24)	[80]	12.9	(0.396)	[4]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-24

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg)	008	008	008	
	11-SS-08	11-SS-09	11-SS-10	
	11-SS-08-01	11-SS-09-01	11-SS-10-01	
	0 - 0.5	0 - 0.5	0 - 0.5	
Arsenic	4.96 (0.0764) [1]	4.26 (0.0735) [1]	6.29 (0.151) [2]	
SW7421 - Lead (mg/kg)	5.19 (0.381) [4]	5.01 (0.324) [4]	30.3 (1.15) [10]	

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		008		008	
	BLM		BLM				BLM		BLM	
	BLM-01	BLM-02	BLM-03	BLM-04	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3

Percent Solid (percent)	17.4	(0)	[1]	15.1	(0)	[1]	19.6	(0)	[1]	[1]
Percent moisture	355	(23.5)	[100]	9.07 P	(2.29)	[10]	ND	(24.1)	[100]	(238)
SW8080 - Organochlorine Pesticides and PCBs	55.4	(24.7)	[100]	17.8	(2.4)	[10]	655	(25.3)	[100]	(249)
4,4'-DDD	1260	(26.5)	[100]	155	(2.57)	[10]	968	(27.1)	[100]	21400
4,4'-DDE		(21.3)	[100]	0.812 KJ	(3.4)	[10]	ND	(21.8)	[100]	ND
4,4'-DDT	ND	(37.6)	[100]	ND	(3.65)	[10]	ND	(38.5)	[100]	ND
Aldrin	ND	(25.6)	[100]	1.64 KJ	(1.68)	[10]	ND	(26.2)	[100]	ND
Chlordane	ND	(12.4)	[100]	ND	(1.2)	[10]	ND	(12.7)	[100]	ND
Dieldrin	ND	(27.4)	[100]	ND	(2.66)	[10]	ND	(28)	[100]	ND
Endosulfan I	ND	(53.7)	[100]	ND	(5.22)	[10]	ND	(54.9)	[100]	ND
Endosulfan II	ND	(44)	[100]	ND	(4.28)	[10]	31.6 KJ	(43)	[100]	ND
Endosulfan Sulfate	ND	(23.4)	[100]	ND	(2.28)	[10]	ND	(24)	[100]	ND
Endrin	ND	(10.9)	[100]	ND	(1.06)	[10]	ND	(11.2)	[100]	ND
Endrin Aldehyde	ND	(13.4)	[100]	ND	(1.3)	[10]	ND	(13.7)	[100]	ND
Heptachlor	ND	(162)	[100]	ND	(15.8)	[10]	ND	(166)	[100]	ND
Heptachlor epoxide	ND	(222)	[100]	ND	(21.6)	[10]	ND	(227)	[100]	ND
Methoxychlor	ND	(296)	[100]	ND	(28.8)	[10]	ND	(304)	[100]	ND
PCB-1016	ND	(512)	[100]	ND	(49.8)	[10]	ND	(525)	[100]	ND
PCB-1221	ND	(209)	[100]	ND	(20.3)	[10]	ND	(214)	[100]	ND
PCB-1232	ND	(111)	[100]	ND	(10.8)	[10]	ND	(114)	[100]	ND
PCB-1242	ND	(160)	[100]	ND	(15.6)	[10]	ND	(164)	[100]	ND
PCB-1248	ND	(212)	[100]	ND	(20.6)	[10]	ND	(217)	[100]	ND
PCB-1254	ND	(136)	[100]	ND	(13.3)	[10]	ND	(140)	[100]	ND
PCB-1260	ND	(8.19)	[100]	ND	(0.796)	[10]	ND	(8.38)	[100]	ND
Toxaphene	ND	(26.8)	[100]	ND	(2.6)	[10]	ND	(27.4)	[100]	ND
alpha-BHC	ND	(14.6)	[100]	ND	(1.42)	[10]	ND	(15)	[100]	ND
beta-BHC	ND			ND			ND			
delta-BHC	ND			ND			ND			

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

Compiled: 16 March 1995

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID									
LOCATION ID									
SAMPLE ID									
BEG. DEPTH - END DEPTH (FT.)									
PARAMETER									

SW8240 - Volatile Organics, cont. (ug/kg)	008	008	008	008	008	008	008	008	008
	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM
	BLM-01	BLM-02	BLM-03	BLM-04	BLM-05	BLM-06	BLM-07	BLM-08	BLM-09
	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3

Tetrachloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Toluene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Tribromomethane(Bromoform)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Trichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
Vinyl acetate	ND	(70)	[1]	ND	(60)	[1]	ND	(60)	[1]
Vinyl chloride	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
cis-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
cis-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
m & p-Xylene	ND	(30)	[1]	ND	(20)	[1]	ND	(20)	[1]
o-Xylene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]
trans-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]
trans-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]

SW8270 - Semivolatile Organics (mg/kg)	008	008	008	008	008	008	008	008	008
	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM
	BLM-01	BLM-02	BLM-03	BLM-04	BLM-05	BLM-06	BLM-07	BLM-08	BLM-09
	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3

1,2,4-Trichlorobenzene	ND	(0.119)	[5]	ND	(0.0231)	[1]	ND	(0.0244)	[1]
1,2-Dichlorobenzene	ND	(0.157)	[5]	ND	(0.0304)	[1]	ND	(0.0322)	[1]
1,3-Dichlorobenzene	ND	(0.0796)	[5]	ND	(0.0155)	[1]	ND	(0.0164)	[1]
1,4-Dichlorobenzene	ND	(0.162)	[5]	ND	(0.0315)	[1]	ND	(0.0334)	[1]
2,4,5-Trichloropheno1	ND	(0.0663)	[5]	ND	(0.0129)	[1]	ND	(0.0136)	[1]
2,4,6-Trichloropheno1	ND	(0.0702)	[5]	ND	(0.0136)	[1]	ND	(0.0144)	[1]
2,4-Dichloropheno1	ND	(0.0891)	[5]	ND	(0.0173)	[1]	ND	(0.0183)	[1]
2,4-Dimethylpheno1	ND	(0.221)	[5]	ND	(0.0429)	[1]	ND	(0.0455)	[1]
2,4-Dinitrophenol	ND	(1.41)	[5]	ND	(0.273)	[1]	ND	(0.289)	[1]
2,4-Dinitrotoluene	ND	(0.111)	[5]	ND	(0.0215)	[1]	ND	(0.0227)	[1]
2,6-Dinitrotoluene	ND	(0.0696)	[5]	ND	(0.0135)	[1]	ND	(0.0143)	[1]
2-Chloronaphthalene	ND	(0.0651)	[5]	ND	(0.0126)	[1]	ND	(0.0134)	[1]
2-Chloropheno1	ND	(0.154)	[5]	ND	(0.0298)	[1]	ND	(0.0316)	[1]
2-Methylnaphthalene	ND	(0.133)	[5]	ND	(0.0258)	[1]	ND	(0.0273)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

*

Value considered suspect, Refer to QC Report

A11-3

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID										
LOCATION ID										
SAMPLE ID										
BEG. DEPTH - END DEPTH (FT.)										
PARAMETER										
008	008	008	008	008	008	008	008	008	008	008
BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM
BLM-01	BLM-02	BLM-03	BLM-04	BLM-05	BLM-06	BLM-07	BLM-08	BLM-09	BLM-10	BLM-11
0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3
SW8270 - Semivolatile Organics, cont. (mg/kg)										
2-Methylphenol (o-cresol)	ND	(0.107)	[5]	ND	(0.0208)	[1]	ND	(0.0221)	[1]	ND
2-Nitroaniline	ND	(0.0808)	[5]	ND	(0.0157)	[1]	ND	(0.0166)	[1]	ND
2-Nitrophenol	ND	(0.0885)	[5]	ND	(0.0172)	[1]	ND	(0.0182)	[1]	ND
3,3'-Dichlorobenzidine	ND	(0.0985)	[5]	ND	(0.0191)	[1]	ND	(0.0203)	[1]	ND
3-Nitroaniline	ND	(0.102)	[5]	ND	(0.0199)	[1]	ND	(0.021)	[1]	ND
4,6-Dinitro-2-methylphenol	ND	(0.159)	[5]	ND	(0.0309)	[1]	ND	(0.0327)	[1]	ND
4-Bromophenyl phenyl ether	ND	(0.0917)	[5]	ND	(0.0178)	[1]	ND	(0.0189)	[1]	ND
4-Chloro-3-methylphenol	ND	(0.145)	[5]	ND	(0.0282)	[1]	ND	(0.0299)	[1]	ND
4-Chloroaniline	ND	(0.112)	[5]	ND	(0.0218)	[1]	ND	(0.0231)	[1]	ND
4-Chlorophenyl phenyl ether	ND	(0.106)	[5]	ND	(0.0206)	[1]	ND	(0.0218)	[1]	ND
4-Methylphenol(p-cresol)	ND	(0.116)	[5]	ND	(0.0224)	[1]	ND	(0.0238)	[1]	ND
4-Nitroaniline	ND	(0.0973)	[5]	ND	(0.0189)	[1]	ND	(0.02)	[1]	ND
4-Nitrophenol	ND	(0.139)	[5]	ND	(0.027)	[1]	ND	(0.0286)	[1]	ND
Acenaphthene	ND	(0.0961)	[5]	ND	(0.0187)	[1]	ND	(0.0198)	[1]	ND
Acenaphthylene	ND	(0.0454)	[5]	ND	(0.00882)	[1]	ND	(0.00934)	[1]	ND
Anthracene	0.146	(0.117)	[5]	ND	(0.0227)	[1]	ND	(0.024)	[1]	ND
Benzo(a)anthracene	0.422	(0.104)	[5]	ND	(0.0201)	[1]	0.0206 J	(0.0213)	[1]	ND
Benzo(a)pyrene	0.452	(0.077)	[5]	0.013 J	(0.0149)	[1]	0.0194	(0.0158)	[1]	0.00958 J
Benzo(b)fluoranthene	0.788 F	(0.114)	[5]	0.0183 FJ	(0.0222)	[1]	0.0327 F	(0.0235)	[1]	0.0147 FJ
Benzo(g,h,i)perylene	0.346	(0.0979)	[5]	0.0101 J	(0.019)	[1]	0.0145 J	(0.0201)	[1]	0.0101 J
Benzo(k)fluoranthene	0.788 F	(0.195)	[5]	0.0183 FJ	(0.0378)	[1]	0.0327 FJ	(0.04)	[1]	0.0147 FJ
Benzoic acid	ND	(0.796)	[5]	ND	(0.155)	[1]	0.339	(0.164)	[1]	0.122 J
Benzyl alcohol	ND	(0.217)	[5]	ND	(0.0421)	[1]	0.33	(0.0447)	[1]	0.246
Butylbenzylphthalate	ND	(0.079)	[5]	ND	(0.0153)	[1]	ND	(0.0162)	[1]	ND
Chrysene	0.478	(0.134)	[5]	0.0109 J	(0.0261)	[1]	0.0193 J	(0.0277)	[1]	ND
Di-n-butylphthalate	ND	(0.0991)	[5]	ND	(0.0192)	[1]	ND	(0.0204)	[1]	ND
Di-n-octylphthalate	ND	(0.183)	[5]	ND	(0.0356)	[1]	ND	(0.0377)	[1]	ND

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-4

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID												
LOCATION ID												
SAMPLE ID												
BEG. DEPTH - END DEPTH (FT.)												
PARAMETER												

SW8270 - Semivolatile Organics, cont. (mg/kg)												
Dibenz(a,h)anthracene	0.0945 J	(0.0953)	[5]	ND	(0.0185)	[1]	ND	(0.0196)	[1]	ND	(0.0193)	[1]
Dibenzofuran	ND	(0.082)	[5]	ND	(0.0159)	[1]	ND	(0.0169)	[1]	ND	(0.0166)	[1]
Diethylphthalate	ND	(0.0675)	[5]	ND	(0.0131)	[1]	ND	(0.0139)	[1]	ND	(0.0137)	[1]
Dimethylphthalate	ND	(0.0563)	[5]	ND	(0.0109)	[1]	ND	(0.0116)	[1]	ND	(0.0114)	[1]
Diphenylamine/N-NitrosodPA	ND	(0.114)	[5]	ND	(0.0221)	[1]	ND	(0.0234)	[1]	ND	(0.0231)	[1]
Fluoranthene	0.746	(0.128)	[5]	0.0118 J	(0.0249)	[1]	0.0262 J	(0.0264)	[1]	0.0104 J	(0.026)	[1]
Fluorene	ND	(0.0675)	[5]	ND	(0.0131)	[1]	ND	(0.0139)	[1]	ND	(0.0137)	[1]
Hexachlorobenzene	ND	(0.047)	[5]	ND	(0.00913)	[1]	ND	(0.00968)	[1]	ND	(0.00954)	[1]
Hexachlorobutadiene	ND	(0.14)	[5]	ND	(0.0272)	[1]	ND	(0.0289)	[1]	ND	(0.0285)	[1]
Hexachlorocyclopentadiene	ND	(1.79)	[5]	ND	(0.348)	[1]	ND	(0.369)	[1]	ND	(0.364)	[1]
Hexachloroethane	ND	(0.119)	[5]	ND	(0.0232)	[1]	ND	(0.0246)	[1]	ND	(0.0242)	[1]
Indeno(1,2,3-cd)pyrene	0.318	(0.106)	[5]	ND	(0.0205)	[1]	0.0143 J	(0.0217)	[1]	ND	(0.0214)	[1]
Isophorone	ND	(0.0577)	[5]	ND	(0.0112)	[1]	ND	(0.0119)	[1]	ND	(0.0117)	[1]
N-Nitroso-di-n-propylamine	ND	(0.151)	[5]	ND	(0.0293)	[1]	ND	(0.0311)	[1]	ND	(0.0306)	[1]
Naphthalene	ND	(0.147)	[5]	ND	(0.0284)	[1]	ND	(0.0301)	[1]	ND	(0.0297)	[1]
Nitrobenzene	ND	(0.106)	[5]	ND	(0.0206)	[1]	ND	(0.0218)	[1]	ND	(0.0215)	[1]
Pentachloropheno[	ND	(0.174)	[5]	ND	(0.0337)	[1]	ND	(0.0357)	[1]	ND	(0.0352)	[1]
Phenanthrene	0.408	(0.125)	[5]	ND	(0.0243)	[1]	0.00997 JB	(0.0257)	[1]	ND	(0.0254)	[1]
Pheno[	ND	(0.0802)	[5]	ND	(0.0156)	[1]	ND	(0.0165)	[1]	ND	(0.0163)	[1]
Pyrene	0.708	(0.0941)	[5]	0.0118 J	(0.0183)	[1]	0.0292	(0.0194)	[1]	0.00852 J	(0.0191)	[1]
bis(2-Chloroethoxy)methane	ND	(0.113)	[5]	ND	(0.0219)	[1]	ND	(0.0232)	[1]	ND	(0.0229)	[1]
bis(2-Chloroethyl)ether	ND	(0.147)	[5]	ND	(0.0286)	[1]	ND	(0.0303)	[1]	ND	(0.0299)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.146)	[5]	ND	(0.0283)	[1]	ND	(0.03)	[1]	ND	(0.0296)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.368)	[5]	0.0527 J	(0.0714)	[1]	0.0451 J	(0.0757)	[1]	ND	(0.0746)	[1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)												
Acenaphthene	720	(472)	[10]	ND	(459)	[10]	ND	(485)	[10]	ND	(478)	[10]
Acenaphthylene	505 J	(908)	[10]	ND	(883)	[10]	ND	(933)	[10]	ND	(919)	[10]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-5

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)									
	008	008	008	008	008	008	008	008	008	008
	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM	BLM
	BLM-01	BLM-02	BLM-03	BLM-04	BLM-05	BLM-06	BLM-07	BLM-08	BLM-09	BLM-10
	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3

SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)										
Anthracene	ND	(278)	[10]	ND	(271)	[10]	ND	(286)	[10]	ND
Benzo(a)anthracene	106	(8.35)	[10]	ND	(8.13)	[10]	ND	(8.58)	[10]	9.79
Benzo(a)pyrene	106	(25.4)	[10]	2.33 JB	(24.7)	[10]	4.12 JB	(26.1)	[10]	16.5 J
Benzo(b)fluoranthene	74.8	(40)	[10]	ND	(38.9)	[10]	ND	(41)	[10]	13.4 J
Benzo(g,h,i)perylene	894	(72.6)	[10]	0.171 JB	(70.7)	[10]	ND	(74.6)	[10]	7.61 J
Benzo(k)fluoranthene	16.1 B	(7.99)	[10]	ND	(7.77)	[10]	3.89 JB	(8.21)	[10]	8.88 B
Chrysene	549	(145)	[10]	ND	(141)	[10]	ND	(149)	[10]	11.6 J
Dibenz(a,h)anthracene	377	(19.4)	[10]	ND	(18.8)	[10]	ND	(19.9)	[10]	0.437 JB
Fluoranthene	53.8 J	(254)	[10]	ND	(247)	[10]	ND	(261)	[10]	ND
Fluorene	ND	(69)	[10]	ND	(67.1)	[10]	ND	(70.9)	[10]	ND
Indeno(1,2,3-cd)pyrene	181 B	(26.6)	[10]	ND	(25.9)	[10]	ND	(27.4)	[10]	ND
Naphthalene	ND	(2180)	[10]	ND	(2120)	[10]	ND	(2240)	[10]	ND
Phenanthrene	ND	(508)	[10]	ND	(495)	[10]	ND	(522)	[10]	ND
Pyrene	95.1 J	(303)	[10]	ND	(294)	[10]	ND	(311)	[10]	ND

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

*

Value considered suspect, Refer to QC Report

A11-6

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER	3.56	(0)	[1]	6.04	(0)	[1]
Percent Solid (percent)						
Percent moisture						
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)						
4,4'-DDD	ND	(0.202)	[1]	0.594 P	(0.207)	[1]
4,4'-DDE	ND	(0.212)	[1]	1.96	(0.217)	[1]
4,4'-DDT	ND	(0.227)	[1]	17.7	(0.232)	[1]
Aldrin	0.105 J	(0.183)	[1]	0.0774 KJ	(0.307)	[1]
Chlordane	ND	(0.322)	[1]	ND	(0.33)	[1]
Dieldrin	0.104 JB	(0.219)	[1]	0.198 J	(0.225)	[1]
Endosulfan I	ND	(0.106)	[1]	ND	(0.109)	[1]
Endosulfan II	ND	(0.235)	[1]	ND	(0.241)	[1]
Endosulfan Sulfate	0.304 KJ	(1.11)	[1]	0.363 KJ	(1.13)	[1]
Endrin	0.0406 KJ	(0.359)	[1]	ND	(0.386)	[1]
Endrin Aldehyde	ND	(0.201)	[1]	ND	(0.206)	[1]
Heptachlor	ND	(0.0937)	[1]	ND	(0.096)	[1]
Heptachlor epoxide	ND	(0.115)	[1]	ND	(0.118)	[1]
Methoxychlor	ND	(1.39)	[1]	ND	(1.42)	[1]
PCB-1016	ND	(1.9)	[1]	ND	(1.95)	[1]
PCB-1221	ND	(2.54)	[1]	ND	(2.6)	[1]
PCB-1232	ND	(4.39)	[1]	ND	(4.5)	[1]
PCB-1242	ND	(1.79)	[1]	ND	(1.83)	[1]
PCB-1248	ND	(0.954)	[1]	ND	(0.978)	[1]
PCB-1254	ND	(1.37)	[1]	ND	(1.41)	[1]
PCB-1260	ND	(1.82)	[1]	ND	(1.86)	[1]
Toxaphene	ND	(1.17)	[1]	ND	(1.2)	[1]
alpha-BHC	0.0929 P	(0.0702)	[1]	ND	(0.0719)	[1]
beta-BHC	ND	(0.23)	[1]	ND	(0.235)	[1]
delta-BHC	ND	(0.0864)	[1]	0.013 KJ	(0.128)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

* = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-7

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)						
gamma-BHC(Lindane)	0.291 B	(0.111)	[1]	0.246 B	(0.114)	[1]
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1,2,2-Tetrachloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1,2-Trichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1-Dichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1-Dichloroethene	ND	(5)	[1]	ND	(6)	[1]
1,2-Dichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,2-Dichloropropane	ND	(5)	[1]	ND	(6)	[1]
2-Butanone(MEK)	ND	(30)	[1]	ND	(30)	[1]
2-Chloroethyl vinyl ether	ND	(5)	[1]	ND	(6)	[1]
2-Hexanone	ND	(30)	[1]	ND	(30)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(30)	[1]	ND	(30)	[1]
Acetone	ND	(100)	[1]	ND	(100)	[1]
Benzene	ND	(5)	[1]	ND	(6)	[1]
Bromodichloromethane	ND	(5)	[1]	ND	(6)	[1]
Bromomethane	ND	(5)	[1]	ND	(6)	[1]
Carbon disulfide	ND	(10)	[1]	ND	(10)	[1]
Carbon tetrachloride	ND	(5)	[1]	ND	(6)	[1]
Chlorobenzene	ND	(5)	[1]	ND	(6)	[1]
Chloroethane	ND	(5)	[1]	ND	(6)	[1]
Chloroform	ND	(5)	[1]	ND	(6)	[1]
Chloromethane	ND	(5)	[1]	ND	(6)	[1]
Dibromochloromethane	ND	(5)	[1]	ND	(6)	[1]
Ethylbenzene	ND	(5)	[1]	ND	(6)	[1]
Methylene chloride	ND	(5)	[1]	ND	(6)	[1]
Styrene	ND	(5)	[1]	ND	(6)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-8

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

		SITE ID	
		LOCATION ID	
		SAMPLE ID	
		BEG. DEPTH - END DEPTH (FT.)	
		005	005
		DRM	DRM
		DRM-01	DRM-02
		0 - 0.3	0 - 0.3

PARAMETER			

SW8240 - Volatile Organics, cont. (ug/kg)			
Tetrachloroethene	ND	(5)	[1] ND (6) [1]
Toluene	ND	(5)	[1] ND (6) [1]
Tribromomethane(Bromoform)	ND	(5)	[1] ND (6) [1]
Trichloroethene	ND	(5)	[1] ND (6) [1]
Vinyl acetate	ND	(50)	[1] ND (60) [1]
Vinyl chloride	ND	(5)	[1] ND (6) [1]
cis-1,2-Dichloroethene	ND	(5)	[1] ND (6) [1]
cis-1,3-Dichloropropene	ND	(5)	[1] ND (6) [1]
m & p-Xylene	ND	(20)	[1] ND (20) [1]
o-Xylene	ND	(10)	[1] ND (10) [1]
trans-1,2-Dichloroethene	ND	(5)	[1] ND (6) [1]
trans-1,3-Dichloropropene	ND	(5)	[1] ND (6) [1]
SW8270 - Semivolatile Organics (mg/kg)			
1,2,4-Trichlorobenzene	ND	(0.0204)	[1] ND (0.0208) [1]
1,2-Dichlorobenzene	ND	(0.0269)	[1] ND (0.0275) [1]
1,3-Dichlorobenzene	ND	(0.0137)	[1] ND (0.014) [1]
1,4-Dichlorobenzene	ND	(0.0279)	[1] ND (0.0285) [1]
2,4,5-Trichlorophenol	ND	(0.0114)	[1] ND (0.0116) [1]
2,4,6-Trichlorophenol	ND	(0.012)	[1] ND (0.0123) [1]
2,4-Dichlorophenol	ND	(0.0153)	[1] ND (0.0156) [1]
2,4-Dimethylphenol	ND	(0.038)	[1] ND (0.0388) [1]
2,4-Dinitrophenol	ND	(0.242)	[1] ND (0.247) [1]
2,4-Dinitrotoluene	ND	(0.019)	[1] ND (0.0194) [1]
2,6-Dinitrotoluene	ND	(0.0119)	[1] ND (0.0122) [1]
2-Chloronaphthalene	ND	(0.0112)	[1] ND (0.0114) [1]
2-Chlorophenol	ND	(0.0264)	[1] ND (0.027) [1]
2-Methylnaphthalene	ND	(0.0228)	[1] ND (0.0233) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

* = Not Applicable

NA = Value considered suspect, Refer to QC Report

A11-9

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW8270 - Semivolatile Organics, cont. (mg/kg)

2-Methylphenol (o-cresol)	ND	(0.0184)	[1]	ND	(0.0188)	[1]
2-Nitroaniline	ND	(0.0139)	[1]	ND	(0.0142)	[1]
2-Nitrophenol	ND	(0.0152)	[1]	ND	(0.0155)	[1]
3,3'-Dichlorobenzidine	ND	(0.0169)	[1]	ND	(0.0173)	[1]
3-Nitroaniline	ND	(0.0176)	[1]	ND	(0.018)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.0273)	[1]	ND	(0.0279)	[1]
4-Bromophenyl phenyl ether	ND	(0.0157)	[1]	ND	(0.0161)	[1]
4-Chloro-3-methylphenol	ND	(0.0249)	[1]	ND	(0.0255)	[1]
4-Chloroaniline	ND	(0.0193)	[1]	ND	(0.0197)	[1]
4-Chlorophenyl phenyl ether	ND	(0.0182)	[1]	ND	(0.0186)	[1]
4-Methylphenol (p-cresol)	ND	(0.0198)	[1]	ND	(0.0203)	[1]
4-Nitroaniline	ND	(0.0167)	[1]	ND	(0.0171)	[1]
4-Nitrophenol	ND	(0.0238)	[1]	ND	(0.0244)	[1]
Acenaphthene	ND	(0.0165)	[1]	ND	(0.0169)	[1]
Acenaphthylene	ND	(0.0078)	[1]	ND	(0.00797)	[1]
Anthracene	ND	(0.02)	[1]	ND	(0.0205)	[1]
Benzo(a)anthracene	ND	(0.0178)	[1]	ND	(0.0182)	[1]
Benzo(a)pyrene	ND	(0.0132)	[1]	ND	(0.0135)	[1]
Benzo(b)fluoranthene	ND	(0.0196)	[1]	ND	(0.0201)	[1]
Benzo(g,h,i)perylene	ND	(0.0168)	[1]	ND	(0.0172)	[1]
Benzo(k)fluoranthene	ND	(0.0334)	[1]	ND	(0.0341)	[1]
Benzoic acid	ND	(0.137)	[1]	ND	(0.14)	[1]
Benzyl alcohol	ND	(0.0373)	[1]	ND	(0.0381)	[1]
Butylbenzylphthalate	ND	(0.0136)	[1]	ND	(0.0139)	[1]
Chrysene	ND	(0.0231)	[1]	ND	(0.0236)	[1]
Di-n-butylphthalate	ND	(0.017)	[1]	ND	(0.0174)	[1]
Di-n-octylphthalate	ND	(0.0314)	[1]	ND	(0.0321)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-10

TABLE A11 ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)		
	LOCATION ID			SAMPLE ID		
	005	005		005		
	DRM	DRM		DRM		
	DRM-01	DRM-02		DRM-02		
	0 - 0.3	0 - 0.3		0 - 0.3		
-----	-----					
SW8270 - Semivolatile Organics, cont. (mg/kg)						
Dibenz(a,h)anthracene	ND	(0.0164)	[1]	ND	(0.0167)	[1]
Dibenzofuran	ND	(0.0141)	[1]	ND	(0.0144)	[1]
Diethylphthalate	ND	(0.0116)	[1]	ND	(0.0119)	[1]
Dimethylphthalate	ND	(0.00966)	[1]	ND	(0.00988)	[1]
Diphenylamine/N-NitrosodPA	ND	(0.0195)	[1]	ND	(0.02)	[1]
Fluoranthene	ND	(0.022)	[1]	ND	(0.0225)	[1]
Fluorene	ND	(0.0116)	[1]	ND	(0.0119)	[1]
Hexachlorobenzene	ND	(0.00807)	[1]	ND	(0.00825)	[1]
Hexachlorobutadiene	ND	(0.0241)	[1]	ND	(0.0246)	[1]
Hexachlorocyclopentadiene	ND	(0.308)	[1]	ND	(0.315)	[1]
Hexachloroethane	ND	(0.0205)	[1]	ND	(0.021)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.0181)	[1]	ND	(0.0185)	[1]
Isophorone	ND	(0.0099)	[1]	ND	(0.0101)	[1]
N-Nitroso-di-n-propylamine	ND	(0.0259)	[1]	ND	(0.0265)	[1]
Naphthalene	ND	(0.0252)	[1]	ND	(0.0257)	[1]
Nitrobenzene	ND	(0.0182)	[1]	ND	(0.0186)	[1]
Pentachlorophenol	ND	(0.0298)	[1]	ND	(0.0305)	[1]
Phenanthrene	ND	(0.0215)	[1]	ND	(0.0219)	[1]
Phenol	ND	(0.0138)	[1]	ND	(0.0141)	[1]
Pyrene	ND	(0.0161)	[1]	ND	(0.0165)	[1]
bis(2-Chloroethoxy)methane	ND	(0.0194)	[1]	ND	(0.0198)	[1]
bis(2-Chloroethyl)ether	ND	(0.0253)	[1]	ND	(0.0258)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.0251)	[1]	ND	(0.0256)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.0631)	[1]	ND	(0.0646)	[1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	706	(404)	[10]	ND	(415)	[10]
Acenaphthylene	ND	(778)	[10]	ND	(798)	[10]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-11

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)

Anthracene	ND	(238)	[10]	ND	(245)	[10]
Benzo(a)anthracene	ND	(7.15)	[10]	ND	(7.34)	[10]
Benzo(a)pyrene	ND	(21.8)	[10]	ND	(22.3)	[10]
Benzo(b)fluoranthene	ND	(34.2)	[10]	ND	(35.1)	[10]
Benzo(g,h,i)perylene	55.6 J	(62.2)	[10]	70.3	(63.9)	[10]
Benzo(k)fluoranthene	ND	(6.84)	[10]	ND	(7.02)	[10]
Chrysene	ND	(124)	[10]	4.14 J	(128)	[10]
Dibenz(a,h)anthracene	ND	(16.6)	[10]	ND	(17)	[10]
Fluoranthene	ND	(218)	[10]	ND	(223)	[10]
Fluorene	ND	(59.1)	[10]	ND	(60.7)	[10]
Indeno(1,2,3-cd)pyrene	ND	(22.8)	[10]	25.8 B	(23.4)	[10]
Naphthalene	ND	(1870)	[10]	ND	(1920)	[10]
Phenanthrene	ND	(436)	[10]	ND	(447)	[10]
Pyrene	ND	(259)	[10]	ND	(266)	[10]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-12

TABLE A12

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID													
LOCATION ID													
SAMPLE ID													
BEG. DEPTH - END DEPTH (FT.)													
PARAMETER													

SW6010 - Metals (mg/kg)													
Aluminum	8700	(6.62)	[1]	7680	(5.68)	[1]	4660	(6.65)	[1]	5890	(6.7)	[1]	
Antimony	-0.0994 JB	(1.74)	[1]	-0.397 JB	(1.5)	[1]	-1.41 JB	(1.75)	[1]	-1.1 JB	(1.77)	[1]	
Arsenic	8.96	(1.43)	[1]	9.87	(1.22)	[1]	4.88	(1.43)	[1]	4.63	(1.44)	[1]	
Barium	146	(0.0523)	[1]	128	(0.0449)	[1]	85.4	(0.0526)	[1]	87.3	(0.053)	[1]	
Beryllium	0.243	(0.0532)	[1]	0.167	(0.0456)	[1]	0.103	(0.0535)	[1]	0.142	(0.0539)	[1]	
Cadmium	0.55 B	(0.259)	[1]	0.38 B	(0.222)	[1]	0.308 B	(0.261)	[1]	0.332 B	(0.262)	[1]	
Calcium	4690	(21.5)	[1]	10300	(18.4)	[1]	3890	(21.6)	[1]	4350	(21.8)	[1]	
Chromium	21.1	(0.247)	[1]	15.9	(0.212)	[1]	10.1	(0.248)	[1]	11.6	(0.25)	[1]	
Cobalt	9.27	(0.472)	[1]	7.4	(0.404)	[1]	5.11	(0.474)	[1]	6.1	(0.477)	[1]	
Copper	22.5	(0.223)	[1]	18	(0.191)	[1]	10.9	(0.224)	[1]	12.1	(0.226)	[1]	
Iron	18400	(28.1)	[1]	16700	(24.1)	[1]	10000	(28.2)	[1]	13200	(28.4)	[1]	
Lead	54.8	(2.23)	[1]	10.9	(1.91)	[1]	7.34	(2.24)	[1]	14.7	(2.26)	[1]	
Magnesium	4880	(2.47)	[1]	5510	(2.12)	[1]	2960	(2.48)	[1]	3450	(2.5)	[1]	
Manganese	384	(0.0107)	[1]	313	(0.00914)	[1]	241	(0.0107)	[1]	215	(0.0108)	[1]	
Molybdenum	1.47	(0.237)	[1]	1.09	(0.203)	[1]	0.588	(0.238)	[1]	0.846	(0.24)	[1]	
Nickel	25.5	(0.985)	[1]	21.7	(0.845)	[1]	13.8	(0.99)	[1]	16.1	(0.997)	[1]	
Potassium	959	(31.3)	[1]	668	(26.8)	[1]	626	(31.4)	[1]	784	(31.6)	[1]	
Selenium	6.41	(3.99)	[1]	6.55	(3.43)	[1]	4.24	(4.01)	[1]	4.26	(4.04)	[1]	
Silver	-0.318 JB	(0.165)	[1]	-0.351 JB	(0.142)	[1]	-0.31 JB	(0.166)	[1]	-0.353 JB	(0.167)	[1]	
Sodium	203	(2.34)	[1]	218	(2.01)	[1]	104	(2.35)	[1]	134	(2.37)	[1]	
Thallium	2.21 JB	(6.27)	[1]	-0.0256 JB	(5.38)	[1]	1.15 JB	(6.3)	[1]	0.379 JB	(6.35)	[1]	
Vanadium	32.4	(0.388)	[1]	27.8	(0.333)	[1]	16.7	(0.39)	[1]	21.6	(0.393)	[1]	
Zinc	98.8	(0.263)	[1]	58.8	(0.225)	[1]	35.8	(0.264)	[1]	46	(0.266)	[1]	
SW7060 - Arsenic (mg/kg)													
Arsenic	12	(0.181)	[2]	9.11	(0.143)	[2]	5.58	(0.0948)	[1]	5.77	(0.166)	[2]	
SW7421 - Lead (mg/kg)													
Lead	48.6 S	(2.14)	[20]	10.4 S	(0.336)	[4]	8.94 S	(0.447)	[4]	15.3 S	(0.392)	[4]	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A12-1

TABLE A12

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL: (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
SW7471 - Mercury (mg/kg)	0.0934	(0.0145)	[1]	0.0676	(0.0141)	[1]	0.075	(0.015)	[1]	0.0823	(0.0146)	[1]
Mercury												
SW7740 - Selenium (mg/kg)	1.22	(0.0686)	[1]	0.905	(0.0539)	[1]	0.705	(0.0717)	[1]	0.693	(0.0628)	[1]
Selenium												

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A12-2

TABLE A12

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW6010 - Metals (mg/kg)

Aluminum	4800	(6.18)	[1]	5230	(6.24)	[1]
Antimony	0.643 JB	(1.63)	[1]	-2.18 JB	(1.64)	[1]
Arsenic	5.22	(1.33)	[1]	3.43	(1.35)	[1]
Barium	64.5	(0.0488)	[1]	74.8	(0.0493)	[1]
Beryllium	0.11	(0.0497)	[1]	0.124	(0.0501)	[1]
Cadmium	0.231 JB	(0.242)	[1]	0.934	(0.244)	[1]
Calcium	2480	(20.1)	[1]	4120	(20.3)	[1]
Chromium	9.77	(0.23)	[1]	11.3	(0.232)	[1]
Cobalt	5.69	(0.44)	[1]	5.85	(0.444)	[1]
Copper	9.53	(0.208)	[1]	9.74	(0.21)	[1]
Iron	9910	(26.2)	[1]	11500	(26.5)	[1]
Lead	5.04	(2.08)	[1]	6.48	(2.1)	[1]
Magnesium	2820	(2.3)	[1]	3280	(2.32)	[1]
Manganese	204	(0.00995)	[1]	219	(0.01)	[1]
Molybdenum	0.47 B	(0.221)	[1]	0.65	(0.223)	[1]
Nickel	15	(0.919)	[1]	17.1	(0.928)	[1]
Potassium	404	(29.2)	[1]	542	(29.5)	[1]
Selenium	3.6 J	(3.73)	[1]	5.5	(3.76)	[1]
Silver	-0.0185 JB	(0.154)	[1]	-0.297 JB	(0.156)	[1]
Sodium	87.7	(2.18)	[1]	122	(2.21)	[1]
Thallium	0.655 JB	(5.85)	[1]	-0.0605 JB	(5.91)	[1]
Vanadium	20.3	(0.362)	[1]	20.5	(0.366)	[1]
Zinc	25.7	(0.245)	[1]	43.4	(0.248)	[1]
SW7060 - Arsenic (mg/kg)						
Arsenic	3.54	(0.0696)	[1]	6.19	(0.139)	[2]
SW7421 - Lead (mg/kg)						
Lead	2.39 S	(0.164)	[2]	6.55 S	(0.327)	[4]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A12-3

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
AK101 - Gasoline Range Organics	1 01-MW-01 G94-01-MW-01	380 (50.0) [1]	1 01-MW-01 G94-01-MW-01-FD Dup of G94-01-MW-01	370 (50.0) [1]	1 01-MW-02 G94-01-MW-02	0.00 JB (100) [1]	15.0 J (50.0) [1]	1 01-MW-05 G94-01-MW-05		
Gasoline Range Organics										
AK102 - Diesel Range Organics	1 01-MW-01 G94-01-MW-01	170 (100) [1]	1 01-MW-01 G94-01-MW-01-FD Dup of G94-01-MW-01	85.0 J (100) [1]	1 01-MW-02 G94-01-MW-02	0.00 JB (100) [1]	0.00 JB (100) [1]			
Diesel Range Organics										
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD		ND (0.00225) [1]		ND (0.00217) [1]		ND (0.00220) [1]	ND (0.00220) [1]			
4,4'-DDE		ND (0.00464) [1]		ND (0.00448) [1]		ND (0.00453) [1]	ND (0.00455) [1]			
4,4'-DDT		0.00800 KJ (0.00878) [1]		ND (0.00721) [1]		0.00690 KJ (0.00856) [1]	ND (0.00731) [1]			
Aldrin		ND (0.00292) [1]		ND (0.00282) [1]		ND (0.00285) [1]	ND (0.00286) [1]			
Chlordane		ND (0.0240) [1]		ND (0.0232) [1]		ND (0.0234) [1]	ND (0.0235) [1]			
Dieldrin		0.00250 KJB (0.00403) [1]		0.00250 KJB (0.00389) [1]		ND (0.00242) [1]	ND (0.00395) [1]			
Endosulfan I		ND (0.00910) [1]		ND (0.00879) [1]		ND (0.00888) [1]	ND (0.00892) [1]			
Endosulfan II		ND (0.00380) [1]		ND (0.00367) [1]		ND (0.00371) [1]	ND (0.00372) [1]			
Endosulfan Sulfate		ND (0.00544) [1]		ND (0.00526) [1]		ND (0.00531) [1]	ND (0.00533) [1]			
Endrin		ND (0.00726) [1]		ND (0.00701) [1]		ND (0.00708) [1]	ND (0.00712) [1]			
Endrin Aldehyde		ND (0.00400) [1]		ND (0.00386) [1]		ND (0.00390) [1]	ND (0.00392) [1]			
Heptachlor		ND (0.00236) [1]		ND (0.00228) [1]		ND (0.00230) [1]	ND (0.00231) [1]			
Heptachlor epoxide		ND (0.00227) [1]		ND (0.00219) [1]		ND (0.00221) [1]	ND (0.00222) [1]			
Methoxychlor		ND (0.0547) [1]		ND (0.0528) [1]		ND (0.0534) [1]	ND (0.0525 KJ (0.0945) [1]			
PCB-1016		ND (0.0244) [1]		ND (0.0236) [1]		ND (0.0238) [1]	ND (0.0239) [1]			
PCB-1221		ND (0.0232) [1]		ND (0.0224) [1]		ND (0.0226) [1]	ND (0.0227) [1]			
PCB-1232		ND (0.0175) [1]		ND (0.0169) [1]		ND (0.0171) [1]	ND (0.0172) [1]			
PCB-1242		ND (0.120) [1]		ND (0.116) [1]		ND (0.117) [1]	ND (0.118) [1]			
PCB-1248		ND (0.0417) [1]		ND (0.0403) [1]		ND (0.0407) [1]	ND (0.0409) [1]			
PCB-1254		ND (0.0308) [1]		ND (0.0298) [1]		ND (0.0300) [1]	ND (0.0302) [1]			
PCB-1260		ND (0.0349) [1]		ND (0.0337) [1]		ND (0.0340) [1]	ND (0.0342) [1]			

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A13-1

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
<hr/>										
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)										
Toxaphene	ND	(0.0427)	[1]	ND	(0.0413)	[1]	ND	(0.0417)	[1]	ND (0.0419)
alpha-BHC	ND	(0.00429)	[1]	ND	(0.00414)	[1]	ND	(0.00418)	[1]	ND (0.00289)
beta-BHC	0.0144 P	(0.00339)	[1]	0.0189	(0.00328)	[1]	ND	(0.00331)	[1]	ND (0.00332)
delta-BHC	ND	(0.00178)	[1]	ND	(0.00211)	[1]	ND	(0.00213)	[1]	ND (0.00214)
gamma-BHC	ND	(0.00135)	[1]	ND	(0.00130)	[1]	ND	(0.00381)	[1]	ND (0.00383)
<hr/>										
SW8260 - Volatile Organic Compounds (ug/L)										
1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND (0.0851)
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND (0.170)
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND (0.0920)
1,1-Dichloroethane	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND (0.0886)
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND (0.0806)
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]	ND (0.233)
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]	ND (0.354)
1,2-Dichloroethane	1.40	(0.0791)	[1]	1.62	(0.0791)	[1]	1.09	(0.0791)	[1]	0.770 (0.0791)
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND (0.0742)
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]	ND (0.391)
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]	ND (0.423)
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]	ND (0.154)
2-Butanone(MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]	ND (0.890)
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND (0.124)
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]	ND (0.501)
Acetone	5.87	(2.09)	[1]	6.27	(2.09)	[1]	4.62 B	(2.09)	[1]	4.93 B (2.09)
Benzene	152	(0.154)	[5]	152	(0.154)	[5]	ND	(0.0307)	[1]	0.0400 B (0.0307)
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND (0.165)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-2

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-3

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER

() = Detection Limit □ = Dilution Factor * = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-4

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	1				1			
	LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID		LOCATION ID SAMPLE ID	
	01-MW-06 694-01-MW-06		01-MW-07 694-01-MW-07		01-MW-08 694-01-MW-08		02-GW-01 694-02-GW-01	
AK101 - Gasoline Range Organics (ug/L)	580	(50.0)	[1]	3.00 JB (100)	[1]	79.0 (50.0)	[1]	2.00 JB (50.0) [1]
Gasoline Range Organics								
AK102 - Diesel Range Organics (ug/L)	350	(100)	[1]	0.00 JB (100)	[1]	380 (100)	[1]	0.00 JB (100) [1]
Diesel Range Organics								
SW8080 - Organochlorine Pesticides and PCBs (ug/L)								
4,4'-DDD	ND	(0.00212)	[1]	ND (0.00210)	[1]	ND (0.00218)	[1]	ND (0.0153) [1]
4,4'-DDE	ND	(0.00540)	[1]	ND (0.00536)	[1]	ND (0.00556)	[1]	ND (0.00337) [1]
4,4'-DDT	ND	(0.00704)	[1]	0.00720 KJ (0.00820)	[1]	ND (0.00724)	[1]	0.00620 (0.00360) [1]
Aldrin	ND	(0.00275)	[1]	ND (0.00273)	[1]	ND (0.00283)	[1]	ND (0.00403) [1]
Chlordane	ND	(0.0226)	[1]	ND (0.0224)	[1]	ND (0.0233)	[1]	ND (0.0195) [1]
Dieldrin	0.00230 KJB	(0.00380)	[1]	0.00230 KJB (0.00377)	[1]	0.00230 KJB (0.00391)	[1]	ND (0.00399) [1]
Endosulfan I	ND	(0.00858)	[1]	ND (0.00850)	[1]	ND (0.00883)	[1]	ND (0.00210) [1]
Endosulfan II	ND	(0.00358)	[1]	ND (0.00355)	[1]	ND (0.00369)	[1]	ND (0.00369) [1]
Endosulfan Sulfate	ND	(0.00513)	[1]	ND (0.00508)	[1]	ND (0.00528)	[1]	0.000400 KJ (0.00981) [1]
Endrin	ND	(0.00885)	[1]	ND (0.00878)	[1]	ND (0.00705)	[1]	ND (0.00743) [1]
Endrin Aldehyde	ND	(0.00377)	[1]	ND (0.00374)	[1]	ND (0.00388)	[1]	ND (0.00613) [1]
Heptachlor	ND	(0.00223)	[1]	0.000600 KJ (0.00119)	[1]	ND (0.00229)	[1]	ND (0.00532) [1]
Heptachlor epoxide	0.00330 P	(0.00236)	[1]	ND (0.00212)	[1]	0.000900 KJ (0.00220)	[1]	0.000400 KJ (0.00917) [1]
Methoxychlor	ND	(0.0516)	[1]	ND (0.0511)	[1]	ND (0.0531)	[1]	ND (0.0387) [1]
PCB-1016	ND	(0.0230)	[1]	ND (0.0228)	[1]	ND (0.0237)	[1]	ND (0.0314) [1]
PCB-1221	ND	(0.0219)	[1]	ND (0.0217)	[1]	ND (0.0225)	[1]	ND (0.0283) [1]
PCB-1232	ND	(0.0165)	[1]	ND (0.0164)	[1]	ND (0.0170)	[1]	ND (0.0714) [1]
PCB-1242	ND	(0.113)	[1]	ND (0.112)	[1]	ND (0.117)	[1]	ND (0.0262) [1]
PCB-1248	ND	(0.0393)	[1]	ND (0.0390)	[1]	ND (0.0405)	[1]	ND (0.0310) [1]
PCB-1254	ND	(0.0291)	[1]	ND (0.0288)	[1]	ND (0.0299)	[1]	ND (0.0124) [1]
PCB-1260	ND	(0.0329)	[1]	ND (0.0326)	[1]	ND (0.0339)	[1]	ND (0.0344) [1]
Toxaphene	ND	(0.0403)	[1]	ND (0.0399)	[1]	ND (0.0415)	[1]	ND (0.0553) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-5

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	1				8			
	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)								
alpha-BHC	0.00810 (0.00405) [1]	ND (0.00401) [1]	ND (0.00416) [1]	ND (0.00281) [1]	0.00810 (0.00405) [1]	ND (0.00401) [1]	ND (0.00416) [1]	ND (0.00281) [1]
beta-BHC	ND (0.00320) [1]	ND (0.00317) [1]	ND (0.00329) [1]	ND (0.00397) [1]	ND (0.00320) [1]	ND (0.00317) [1]	ND (0.00329) [1]	ND (0.00397) [1]
delta-BHC	ND (0.00168) [1]	0.00790 B (0.00204) [1]	ND (0.00173) [1]	ND (0.00229) [1]	ND (0.00168) [1]	0.00790 B (0.00204) [1]	ND (0.00173) [1]	ND (0.00229) [1]
gamma-BHC	ND (0.00369) [1]	ND (0.00365) [1]	ND (0.00380) [1]	ND (0.00175) [1]	ND (0.00369) [1]	ND (0.00365) [1]	ND (0.00380) [1]	ND (0.00175) [1]
SW8260 - Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]
1,1,1-Trichloroethane	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]
1,1,2,2-Tetrachloroethane	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]
1,1,2-Trichloroethane	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]
1,1-Dichloroethane	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]
1,1-Dichloroethene	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]
1,2,3-Trichloropropane	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]
1,2-Dichlorobenzene	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]
1,2-Dichloroethane	1.23 (0.0791) [1]	0.480 (0.0791) [1]	1.07 (0.0791) [1]	ND (0.0791) [1]	1.23 (0.0791) [1]	0.480 (0.0791) [1]	1.07 (0.0791) [1]	ND (0.0791) [1]
1,2-Dichloropropane	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]
1,3-Dichlorobenzene	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]
1,4-Dichlorobenzene	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]
1-Chlorohexane	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]
2-Butanone (MEK)	ND (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]
2-Chloroethyl vinyl ether	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
2-Hexanone	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]
4-Methyl-2-Pentanone (MIBK)	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]
Acetone	4.78 B (2.09) [1]	5.32 (2.09) [1]	5.01 B (2.09) [1]	2.64 B (2.09) [1]	4.78 B (2.09) [1]	5.32 (2.09) [1]	5.01 B (2.09) [1]	2.64 B (2.09) [1]
Benzene	224 (0.154) [5]	0.0400 B (0.0307) [1]	22.0 (0.0307) [1]	0.0300 JB (0.0307) [1]	224 (0.154) [5]	0.0400 B (0.0307) [1]	22.0 (0.0307) [1]	0.0300 JB (0.0307) [1]
Bromobenzene	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]
Bromodichloromethane	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]
Bromoform	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-6

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	1				1			
	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01	01-MW-06 G94-01-MW-06	01-MW-07 G94-01-MW-07	01-MW-08 G94-01-MW-08	02-GW-01 G94-02-GW-01
SW8260 - Volatile Organic Compounds, cont. (ug/L)								
Bromomethane	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)
Carbon disulfide	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)
Carbon tetrachloride	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)
Chlorobenzene	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)
Chloroethane	ND	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(0.0972)
Chloroform	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)
Chloromethane	0.290 B	(0.155)	[1]	ND	(0.155)	[1]	ND	(0.155)
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)
Dibromomethane	ND	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(0.0598)
Ethyl benzene	0.0200 J	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)
Meta-&Para-Xylene	ND	(0.365)	[1]	ND	(0.365)	[1]	ND	(0.365)
Methylene Chloride	0.350 B	(0.151)	[1]	0.230 B	(0.151)	[1]	0.260 B	(0.151)
Ortho-Xylene	0.0600 J	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)
Styrene	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)
Tetrachloroethene	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)
Toluene	0.330	(0.0336)	[1]	ND	(0.0336)	[1]	0.0300 JB	(0.0336)
Trichloroethene	ND	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(0.0439)
Trichlorofluoromethane	ND	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)
Vinyl Chloride	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)
Vinyl acetate	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(0.0785)	[1]	ND	(0.0785)
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(0.131)
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	NA			NA			NA	(0.623)
1,2-Dichlorobenzene	NA			NA			NA	(0.680)

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-7

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	1		8	
	01-MW-06	01-MW-07	01-MW-08	02-GW-01
	G94-01-MW-06	G94-01-MW-07	G94-01-MW-08	G94-02-GW-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	NA	NA	NA	(0.734) [1]
1,4-Dichlorobenzene	NA	NA	NA	(1.35) [1]
2,4,5-Trichlorophenol	NA	NA	NA	(0.460) [1]
2,4,6-Trichlorophenol	NA	NA	NA	(0.435) [1]
2,4-Dichlorophenol	NA	NA	NA	(0.677) [1]
2,4-Dimethylphenol	NA	NA	NA	(0.628) [1]
2,4-Dinitrophenol	NA	NA	NA	(1.85) [1]
2,4-Dinitrotoluene	NA	NA	NA	(0.751) [1]
2,6-Dinitrotoluene	NA	NA	NA	(0.727) [1]
2-Chloronaphthalene	NA	NA	NA	(0.929) [1]
2-Chlorophenol	NA	NA	NA	(0.615) [1]
2-Methylnaphthalene	NA	NA	NA	(1.13) [1]
2-Methylphenol	NA	NA	NA	(0.556) [1]
2-Nitroaniline	NA	NA	NA	(0.723) [1]
2-Nitrophenol	NA	NA	NA	(1.04) [1]
3,3'-Dichlorobenzidine	NA	NA	NA	(0.692) [1]
3-Nitroaniline	NA	NA	NA	(0.864) [1]
4,6-Dinitro-2-methylphenol	NA	NA	NA	(0.442) [1]
4-Bromophenyl phenyl ether	NA	NA	NA	(0.727) [1]
4-Chloro-3-methylphenol	NA	NA	NA	(0.604) [1]
4-Chlorophenyl phenyl ether	NA	NA	NA	(0.868) [1]
4-Methylphenol/3-Methylphenol	NA	NA	NA	(0.830) [1]
4-Nitroaniline	NA	NA	NA	(0.556) [1]
4-Nitrophenol	NA	NA	NA	(1.11) [1]
Acenaphthene	NA	NA	NA	(0.646) [1]
Acenaphthylene	NA	NA	NA	(0.441) [1]
Anthracene	NA	NA	NA	(0.444) [1]
Benzo(a)anthracene	NA	NA	NA	(0.494) [1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-8

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	1	1	1	8
	01-MW-06	01-MW-07	01-MW-08	02-GW-01
	G94-01-MW-06	G94-01-MW-07	G94-01-MW-08	G94-02-GW-01

SW8270 - Semivolatile Organics, cont. (ug/L)				
Benzo(a)pyrene	NA	NA	NA	ND (0.659) [1]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.742) [1]
Benzo(g,h,i)perylene	NA	NA	NA	ND (0.661) [1]
Benzo(k)fluoranthene	NA	NA	NA	ND (1.07) [1]
Benzoic acid	NA	NA	NA	ND (3.00) [1]
Benzyl alcohol	NA	NA	NA	ND (0.674) [1]
Butylbenzylphthalate	NA	NA	NA	ND (0.866) [1]
Chrysene	NA	NA	NA	ND (0.597) [1]
Di-n-octylphthalate	NA	NA	NA	ND (0.650) [1]
Dibenz(a,h)anthracene	NA	NA	NA	ND (0.704) [1]
Dibenzofuran	NA	NA	NA	ND (0.517) [1]
Dibutylphthalate	NA	NA	NA	ND (0.331) [1]
Diethylphthalate	NA	NA	NA	ND (0.287) [1]
Dimethylphthalate	NA	NA	NA	ND (0.429) [1]
Diphenylamine	NA	NA	NA	ND (0.636) [1]
Fluoranthene	NA	NA	NA	ND (0.663) [1]
Fluorene	NA	NA	NA	ND (0.614) [1]
Hexachlorobenzene	NA	NA	NA	ND (1.46) [1]
Hexachlorobutadiene	NA	NA	NA	ND (0.950) [1]
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.821) [1]
Hexachloroethane	NA	NA	NA	ND (5.37) [1]
Indeno(1,2,3-cd)pyrene	NA	NA	NA	ND (0.516) [1]
Isophorone	NA	NA	NA	ND (0.529) [1]
N-Nitroso-di-n-propylamine	NA	NA	NA	ND (0.777) [1]
Naphthalene	NA	NA	NA	ND (0.800) [1]
Nitrobenzene	NA	NA	NA	ND (0.813) [1]
Pentachloropheno[	NA	NA	NA	ND (0.626) [1]
Phenanthrene	NA	NA	NA	ND (0.613) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-9

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		
	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID
	1	1	8
	01-MW-06	01-MW-07	02-GW-01
	G94-01-MW-06	G94-01-MW-07	G94-02-GW-01
SW8270 - Semivolatile Organics, cont. (ug/L)			
Phenol	NA	NA	ND (0.683) [1]
Pyrene	NA	NA	ND (0.786) [1]
bis(2-Chloroethoxy)methane	NA	NA	ND (0.650) [1]
bis(2-Chloroethyl)ether	NA	NA	ND (0.647) [1]
bis(2-Chloroisopropyl)ether	NA	NA	ND (1.07) [1]
bis(2-Ethylhexyl)phthalate	NA	NA	ND (0.812) [1]
p-Chloroaniline	NA	NA	ND (0.976) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-10

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID																
	LOCATION ID				LOCATION ID				LOCATION ID								
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID						
	8	02-GW-03	694-02-GW-03	8	02-GW-04	694-02-GW-04	8	02-GW-04	694-02-GW-04R	5	05-MW-02	694-05-MW-02					
AK101 - Gasoline Range Organics (ug/L)	3.00	JB (	50.0)	[1]	4.00	JB (	50.0)	[1]	NA	0.00	JB (	50.0)	[1]			
Gasoline Range Organics																	
AK102 - Diesel Range Organics (ug/L)	0.00	JB (	100)	[1]	0.00	JB (	100)	[1]	NA	40.0	J (	100)	[1]			
Diesel Range Organics																	
SW8080 - Organochlorine Pesticides and PCBs (ug/L)																	
4,4'-DDD	ND	(	0.0149)	[1]	NA			[1]	ND	(	0.00214)	[1]	ND	(	0.0162)	[1]
4,4'-DDE	ND	(	0.00328)	[1]	NA			[1]	ND	(	0.00442)	[1]	ND	(	0.00358)	[1]
4,4'-DDT	ND	(0.0124)	[1]	NA			[1]	0.00770	KJ	(0.00836)	[1]	ND	(0.00382)	[1]
Aldrin	0.00680	(	0.00392)	[1]	NA			[1]	ND	(	0.00278)	[1]	ND	(	0.00428)	[1]
Chlordane	ND	(	0.0190)	[1]	NA			[1]	ND	(	0.0229)	[1]	ND	(	0.0207)	[1]
Dieldrin	0.00840	(	0.00267)	[1]	NA			[1]	ND	(	0.00384)	[1]	ND	(	0.00292)	[1]
Endosulfan I	ND	(	0.00427)	[1]	NA			[1]	ND	(	0.00867)	[1]	ND	(	0.00223)	[1]
Endosulfan II	ND	(	0.00359)	[1]	NA			[1]	ND	(	0.00362)	[1]	ND	(	0.00392)	[1]
Endosulfan Sulfate	ND	(0.00474)	[1]	NA			[1]	ND	(0.00518)	[1]	0.00190	KJ	(0.0104)	[1]
Endrin	ND	(	0.00722)	[1]	NA			[1]	ND	(	0.00691)	[1]	ND	(	0.00789)	[1]
Endrin Aldehyde	ND	(	0.00566)	[1]	NA			[1]	ND	(	0.00381)	[1]	ND	(	0.00651)	[1]
Heptachlor	ND	(0.00517)	[1]	NA			[1]	ND	(0.00225)	[1]	0.000400	KJ	(0.00671)	[1]
Heptachlor epoxide	0.00490	P	(0.00179)	[1]	NA		[1]	0.00140	KJ	(0.00238)	[1]	ND	(0.00973)	[1]
Methoxychlor	ND	(	0.0377)	[1]	NA			[1]	ND	(	0.0521)	[1]	ND	(	0.0411)	[1]
PCB-1016	ND	(	0.0306)	[1]	NA			[1]	ND	(	0.0232)	[1]	ND	(	0.0334)	[1]
PCB-1221	ND	(	0.0275)	[1]	NA			[1]	ND	(	0.0221)	[1]	ND	(	0.0300)	[1]
PCB-1232	ND	(	0.0694)	[1]	NA			[1]	ND	(	0.0167)	[1]	ND	(	0.0758)	[1]
PCB-1242	ND	(	0.0254)	[1]	NA			[1]	ND	(	0.114)	[1]	ND	(	0.0278)	[1]
PCB-1248	ND	(	0.0301)	[1]	NA			[1]	ND	(	0.0397)	[1]	ND	(	0.0329)	[1]
PCB-1254	ND	(	0.0121)	[1]	NA			[1]	ND	(	0.0293)	[1]	ND	(	0.0132)	[1]
PCB-1260	ND	(0.0335)	[1]	NA			[1]	ND	(0.0332)	[1]	ND	(0.0365)	[1]	
Toxaphene	ND	(0.0537)	[1]	NA			[1]	ND	(0.0407)	[1]	ND	(0.0587)	[1]	

Compiled: 15 March 1995

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* - Value considered suspect, Refer to QC Report

A13-11

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	8		8		8		5	
	02-GW-03 G94-02-GW-03	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04	05-MW-02 G94-05-MW-02	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)								
alpha-BHC	ND (0.00273)	[1]	NA	NA	ND (0.00408)	[1]	ND (0.00298)	[1]
beta-BHC	ND (0.00386)	[1]	NA	NA	ND (0.00323)	[1]	ND (0.00421)	[1]
delta-BHC	ND (0.00222)	[1]	NA	NA	ND (0.00208)	[1]	ND (0.00243)	[1]
gamma-BHC	ND (0.00160)	[1]	NA	NA	ND (0.00372)	[1]	ND (0.00186)	[1]
SW8260 - Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	ND (0.0851)	[1]	ND (0.0851)	ND (0.0851)	NA	NA	ND (0.0851)	[1]
1,1,1-Trichloroethane	ND (0.0992)	[1]	ND (0.0992)	ND (0.0992)	NA	NA	ND (0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND (0.170)	[1]	ND (0.170)	ND (0.170)	NA	NA	ND (0.170)	[1]
1,1,2-Trichloroethane	ND (0.0920)	[1]	ND (0.0920)	ND (0.0920)	NA	NA	ND (0.0920)	[1]
1,1-Dichloroethane	ND (0.0886)	[1]	ND (0.0886)	ND (0.0886)	NA	NA	ND (0.0886)	[1]
1,1-Dichloroethene	ND (0.0806)	[1]	ND (0.0806)	ND (0.0806)	NA	NA	ND (0.0806)	[1]
1,2,3-Trichloropropane	ND (0.233)	[1]	ND (0.233)	ND (0.233)	NA	NA	ND (0.233)	[1]
1,2-Dichlorobenzene	ND (0.354)	[1]	ND (0.354)	ND (0.354)	NA	NA	ND (0.354)	[1]
1,2-Dichloroethane	ND (0.0791)	[1]	ND (0.0791)	ND (0.0791)	NA	NA	0.710 (0.0791)	[1]
1,2-Dichloropropane	ND (0.0742)	[1]	ND (0.0742)	ND (0.0742)	NA	NA	ND (0.0742)	[1]
1,3-Dichlorobenzene	ND (0.391)	[1]	ND (0.391)	ND (0.391)	NA	NA	ND (0.391)	[1]
1,4-Dichlorobenzene	ND (0.423)	[1]	ND (0.423)	ND (0.423)	NA	NA	ND (0.423)	[1]
1-Chlorohexane	ND (0.154)	[1]	ND (0.154)	ND (0.154)	NA	NA	ND (0.154)	[1]
2-Butanone(MEK)	ND (0.890)	[1]	ND (0.890)	ND (0.890)	NA	NA	ND (0.890)	[1]
2-Chloroethyl vinyl ether	ND (0.124)	[1]	ND (0.124)	ND (0.124)	NA	NA	ND (0.124)	[1]
2-Hexanone	ND (0.766)	[1]	ND (0.766)	ND (0.766)	NA	NA	ND (0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	[1]	ND (0.501)	ND (0.501)	NA	NA	ND (0.501)	[1]
Acetone	2.73 B (2.09)	[1]	2.79 B (2.09)	2.79 B (2.09)	NA	NA	5.01 B (2.09)	[1]
Benzene	0.0300 JB (0.0307)	[1]	0.100 B (0.0307)	0.100 B (0.0307)	NA	NA	0.0300 JB (0.0307)	[1]
Bromobenzene	ND (0.165)	[1]	ND (0.165)	ND (0.165)	NA	NA	ND (0.165)	[1]
Bromodichloromethane	ND (0.0536)	[1]	ND (0.0536)	ND (0.0536)	NA	NA	ND (0.0536)	[1]
Bromoform	ND (0.108)	[1]	ND (0.108)	ND (0.108)	NA	NA	ND (0.108)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-12

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		5	
	02-GW-03 G94-02-GW-03	02-GW-04 G94-02-GW-04	02-GW-04 G94-02-GW-04R	05-MW-02 G94-05-MW-02
SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	NA	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	NA	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	NA	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	NA	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	NA	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	NA	ND (0.0363) [1]
Chloromethane	ND (0.155) [1]	ND (0.155) [1]	NA	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	NA	ND (0.0283) [1]
Dibromomethane	0.220 (0.0598) [1]	ND (0.0598) [1]	NA	ND (0.0598) [1]
Ethyl benzene	0.0400 J (0.110) [1]	ND (0.110) [1]	NA	ND (0.110) [1]
Meta-&Para-Xylene	0.170 J (0.365) [1]	0.0600 J (0.365) [1]	NA	ND (0.365) [1]
Methylene Chloride	0.400 B (0.151) [1]	0.440 B (0.151) [1]	NA	0.210 B (0.151) [1]
Ortho-Xylene	0.0800 J (0.124) [1]	ND (0.124) [1]	NA	ND (0.124) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	NA	ND (0.113) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	NA	ND (0.209) [1]
Toluene	0.0900 (0.0336) [1]	0.230 (0.0336) [1]	NA	ND (0.0336) [1]
Trichloroethene	ND (0.0439) [1]	ND (0.0439) [1]	NA	ND (0.0439) [1]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	NA	ND (0.0943) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	NA	ND (0.0992) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	NA	ND (0.127) [1]
cis-1,2-Dichloroethene	ND (0.0785) [1]	ND (0.0785) [1]	NA	ND (0.0785) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0758) [1]	NA	ND (0.0758) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.131) [1]	NA	ND (0.131) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.0829) [1]	NA	ND (0.0829) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.620) [1]	ND (0.658) [1]	NA	ND (0.435) [1]
1,2-Dichlorobenzene	ND (0.677) [1]	ND (0.718) [1]	NA	ND (0.608) [1]

Compiled: 15 March 1995

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NA = Not Applicable

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A13-13

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				5					
	02-GW-03		02-GW-04		02-GW-04		02-GW-04		05-MW-02		05-MW-02			
	G94-02-GW-03		G94-02-GW-04		G94-02-GW-04		G94-02-GW-04R		G94-05-MW-02		G94-05-MW-02			
SW8270 - Semivolatile Organics, cont. (ug/L)	ND	(	0.731	[1]	ND	(	0.776	[1]	NA		ND	(	0.553	[1]
1,3-Dichlorobenzene	ND	(	1.35	[1]	ND	(	1.43	[1]	NA		ND	(	0.724	[1]
1,4-Dichlorobenzene	ND	(	0.458	[1]	ND	(	0.486	[1]	NA		ND	(	0.544	[1]
2,4,5-Trichloropheno	ND	(	0.433	[1]	ND	(	0.459	[1]	NA		ND	(	0.648	[1]
2,4,6-Trichloropheno	ND	(	0.674	[1]	ND	(	0.715	[1]	NA		ND	(	0.861	[1]
2,4-Dichlorophenol	ND	(	0.625	[1]	ND	(	0.663	[1]	NA		ND	(	0.798	[1]
2,4-Dimethylpheno	ND	(	1.84	[1]	ND	(	1.95	[1]	NA		ND	(	1.11	[1]
2,4-Dinitrophenol	ND	(	0.747	[1]	ND	(	0.793	[1]	NA		ND	(	0.676	[1]
2,4-Dinitrotoluene	ND	(	0.723	[1]	ND	(	0.767	[1]	NA		ND	(	0.737	[1]
2,6-Dinitrotoluene	ND	(	0.925	[1]	ND	(	0.982	[1]	NA		ND	(	0.650	[1]
2-Chloronaphthalene	ND	(	0.612	[1]	ND	(	0.650	[1]	NA		ND	(	0.560	[1]
2-Chlorophenol	ND	(	1.12	[1]	ND	(	1.19	[1]	NA		ND	(	0.575	[1]
2-Methylnaphthalene	ND	(	0.553	[1]	ND	(	0.587	[1]	NA		ND	(	0.311	[1]
2-Methylphenol	ND	(	0.719	[1]	ND	(	0.763	[1]	NA		ND	(	0.730	[1]
2-Nitroaniline	ND	(	1.04	[1]	ND	(	1.10	[1]	NA		ND	(	0.733	[1]
2-Nitrophenol	ND	(	0.688	[1]	ND	(	0.731	[1]	NA		ND	(	0.885	[1]
3,3'-Dichlorobenzidine	ND	(	0.860	[1]	ND	(	0.912	[1]	NA		ND	(	0.771	[1]
3-Nitroaniline	ND	(	0.439	[1]	ND	(	0.466	[1]	NA		ND	(	0.972	[1]
4,6-Dinitro-2-methylphenol	ND	(	0.723	[1]	ND	(	0.767	[1]	NA		ND	(	0.415	[1]
4-Bromophenyl phenyl ether	ND	(	0.601	[1]	ND	(	0.638	[1]	NA		ND	(	0.396	[1]
4-Chloro-3-methylphenol	ND	(	0.863	[1]	ND	(	0.916	[1]	NA		ND	(	0.463	[1]
4-Chlorophenyl phenyl ether	ND	(	0.826	[1]	ND	(	0.877	[1]	NA		ND	(	0.361	[1]
4-Methylphenol/3-Methylphenol	ND	(	0.553	[1]	ND	(	0.587	[1]	NA		ND	(	1.08	[1]
4-Nitroaniline	ND	(	1.11	[1]	ND	(	1.17	[1]	NA		ND	(	1.15	[1]
4-Nitrophenol	ND	(	0.643	[1]	ND	(	0.683	[1]	NA		ND	(	0.632	[1]
Acenaphthene	ND	(	0.438	[1]	ND	(	0.465	[1]	NA		ND	(	0.626	[1]
Acenaphthylene	ND	(	0.442	[1]	ND	(	0.469	[1]	NA		ND	(	0.755	[1]
Anthracene	ND	(0.491	[1]	ND	(0.521	[1]	NA		ND	(0.588	[1]
Benzo(a)anthracene	ND	(

Compiled: 15 March 1995

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* - Value considered suspect, Refer to QC Report

A13-14

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	8		8		8		5	
	02-GW-03		02-GW-04		02-GW-04		05-MW-02	
	694-02-GW-03		694-02-GW-04		694-02-GW-04R		694-05-MW-02	
PARAMETER								
SW8270 - Semivolatile Organics, cont. (ug/L)								
Benzo(a)pyrene	ND	(0.656)	[1]	ND	(0.696)	[1]	NA	(0.786)
Benzo(b)fluoranthene	ND	(0.738)	[1]	ND	(0.784)	[1]	NA	(1.04)
Benzo(g,h,i)perylene	ND	(0.658)	[1]	ND	(0.698)	[1]	NA	(1.12)
Benzo(k)fluoranthene	ND	(1.07)	[1]	ND	(1.13)	[1]	NA	(1.09)
Benzoic acid	ND	(2.99)	[1]	ND	(3.17)	[1]	NA	(25.8)
Benzyl alcohol	ND	(0.671)	[1]	ND	(0.712)	[1]	NA	(0.532)
Butylbenzylphthalate	ND	(0.862)	[1]	ND	(0.914)	[1]	NA	(1.80)
Chrysene	ND	(0.594)	[1]	ND	(0.631)	[1]	NA	(0.980)
Di-n-octylphthalate	ND	(0.647)	[1]	ND	(0.687)	[1]	NA	(0.510)
Dibenz(a,h)anthracene	ND	(0.701)	[1]	ND	(0.744)	[1]	NA	(0.990)
Dibenzofuran	ND	(0.514)	[1]	ND	(0.546)	[1]	NA	(0.548)
Dibutylphthalate	ND	(0.330)	[1]	ND	(0.350)	[1]	NA	(0.489)
Diethylphthalate	ND	(0.286)	[1]	ND	(0.303)	[1]	NA	(0.251)
Dimethylphthalate	ND	(0.427)	[1]	ND	(0.453)	[1]	NA	(0.443)
Diphenylamine	ND	(0.633)	[1]	ND	(0.671)	[1]	NA	(0.890)
Fluoranthene	ND	(0.660)	[1]	ND	(0.700)	[1]	NA	(0.583)
Fluorene	ND	(0.611)	[1]	ND	(0.648)	[1]	NA	(0.454)
Hexachlorobenzene	ND	(1.45)	[1]	ND	(1.54)	[1]	NA	(0.545)
Hexachlorobutadiene	ND	(0.945)	[1]	ND	(1.00)	[1]	NA	(1.02)
Hexachlorocyclopentadiene	ND	(0.817)	[1]	ND	(0.867)	[1]	NA	(1.18)
Hexachloroethane	ND	(5.35)	[1]	ND	(5.67)	[1]	NA	(0.546)
Indeno(1,2,3-cd)pyrene	ND	(0.513)	[1]	ND	(0.545)	[1]	NA	(0.874)
Isophorone	ND	(0.527)	[1]	ND	(0.559)	[1]	NA	(0.320)
N-Nitroso-di-n-propylamine	ND	(0.773)	[1]	ND	(0.820)	[1]	NA	(0.610)
Naphthalene	ND	(0.796)	[1]	ND	(0.845)	[1]	NA	(0.764)
Nitrobenzene	ND	(0.809)	[1]	ND	(0.858)	[1]	NA	(0.434)
Pentachlorophenol	ND	(0.623)	[1]	ND	(0.661)	[1]	NA	(0.942)
Phenanthrene	ND	(0.610)	[1]	ND	(0.647)	[1]	NA	(0.653)

Compiled: 15 March 1995

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A13-15

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	

SW8270 - Semivolatile Organics, cont. (ug/L)				
Phenol	ND	(	0.680)	[1]
Pyrene	ND	(	0.783)	[1]
bis(2-Chloroethoxy)methane	ND	(	0.647)	[1]
bis(2-Chloroethyl)ether	ND	(	0.644)	[1]
bis(2-Chloroisopropyl)ether	ND	(	1.07)	[1]
bis(2-Ethylhexyl)phthalate	ND	(	0.808)	[1]
p-Chloroaniline	ND	(	0.971)	[1]

	ND	(	0.721)	[1]
	ND	(	0.831)	[1]
	ND	(	0.687)	[1]
	ND	(	0.684)	[1]
	ND	(	1.13)	[1]
	ND	(	0.857)	[1]
	ND	(	1.03)	[1]
	ND	(0.369)	[1]
	ND	(0.700)	[1]
	ND	(0.625)	[1]
	ND	(0.482)	[1]
	ND	(0.438)	[1]
	ND	(2.63)	[1]
	ND	(0.929)	[1]

	NA			
	NA			
	NA			
	NA			
	NA			
	NA			
	NA			

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A13-16

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	5	5	5	5	5	5
	05-MW-02	05-MW-03	05-MW-04	05-MW-05	05-MW-05	05-MW-05
	G94-05-MW-02-FD Dup of	G94-05-MW-03	G94-05-MW-04	G94-05-MW-05	G94-05-MW-05	G94-05-MW-05
	G94-05-MW-02					

AK101 - Gasoline Range Organics (ug/L)	0.00 JB (50.0)	[1]	17000 (50.0)	[1]	110000 (50.0)	[1]
Gasoline Range Organics					130000 (50.0)	[1]
AK102 - Diesel Range Organics (ug/L)	25.0 J (100)	[1]	2100 (100)	[1]	13000 (100)	[1]
Diesel Range Organics					6900 (100)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND (0.00305)	[1]	ND (0.00302)	[1]	ND (0.0147)	[5]
4,4'-DDE	ND (0.00351)	[1]	ND (0.00376)	[1]	ND (0.0169)	[5]
4,4'-DDT	0.0110 KJ (0.0133)	[1]	0.0106 KJ (0.0132)	[1]	ND (0.0180)	[5]
Aldrin	ND (0.00419)	[1]	ND (0.00415)	[1]	0.0407 (0.0201)	[5]
Chlordane	ND (0.0203)	[1]	ND (0.0201)	[1]	ND (0.0976)	[5]
Dieldrin	ND (0.00286)	[1]	0.00620 (0.00283)	[1]	ND (0.0137)	[5]
Endosulfan I	ND (0.00219)	[1]	ND (0.00217)	[1]	ND (0.0105)	[5]
Endosulfan II	ND (0.00384)	[1]	ND (0.00380)	[1]	ND (0.0185)	[5]
Endosulfan Sulfate	0.00360 KJ (0.0102)	[1]	0.00280 KJ (0.0101)	[1]	0.0274 KJ (0.0490)	[5]
Endrin	ND (0.00773)	[1]	ND (0.00765)	[1]	ND (0.0372)	[5]
Endrin Aldehyde	ND (0.00638)	[1]	ND (0.00632)	[1]	ND (0.0307)	[5]
Heptachlor	0.000400 KJ (0.00658)	[1]	0.00290 PJ (0.00548)	[1]	0.0114 J (0.0266)	[5]
Heptachlor epoxide	ND (0.00192)	[1]	0.0155 (0.00944)	[1]	0.124 (0.0459)	[5]
Methoxychlor	ND (0.0403)	[1]	ND (0.0399)	[1]	ND (0.194)	[5]
PCB-1016	ND (0.0327)	[1]	ND (0.0324)	[1]	ND (0.157)	[5]
PCB-1221	ND (0.0294)	[1]	ND (0.0291)	[1]	ND (0.141)	[5]
PCB-1232	ND (0.0743)	[1]	ND (0.0736)	[1]	ND (0.357)	[5]
PCB-1242	ND (0.0272)	[1]	ND (0.0269)	[1]	ND (0.131)	[5]
PCB-1248	ND (0.0322)	[1]	ND (0.0319)	[1]	ND (0.155)	[5]
PCB-1254	ND (0.0129)	[1]	ND (0.0128)	[1]	ND (0.0620)	[5]
PCB-1260	ND (0.0358)	[1]	ND (0.0354)	[1]	ND (0.172)	[5]

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A13-17

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

* - Value considered suspect, Refer to QC Report

A13-18

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

Compiled: 15 March 1995

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	5				5				5			
	05-MW-02		05-MW-03		05-MW-04		05-MW-05		05-MW-04		05-MW-05	
	G94-05-MW-02-FD Dup of G94-05-MW-02		G94-05-MW-03		G94-05-MW-04		G94-05-MW-05		G94-05-MW-04		G94-05-MW-05	
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.893)	[1]	ND	(0.875)	[1]	ND	(0.431)	[1]	ND	(0.440)	[1]
1,2-Dichlorobenzene	ND	(0.755)	[1]	ND	(0.740)	[1]	ND	(0.602)	[1]	ND	(0.614)	[1]
1,3-Dichlorobenzene	ND	(0.459)	[1]	ND	(0.450)	[1]	ND	(0.548)	[1]	ND	(0.558)	[1]
1,4-Dichlorobenzene	ND	(0.719)	[1]	ND	(0.705)	[1]	ND	(0.717)	[1]	ND	(0.731)	[1]
2,4,5-Trichlorophenol	ND	(0.716)	[1]	ND	(0.702)	[1]	ND	(0.539)	[1]	ND	(0.550)	[1]
2,4,6-Trichlorophenol	ND	(0.515)	[1]	ND	(0.505)	[1]	ND	(0.642)	[1]	ND	(0.654)	[1]
2,4-Dichlorophenol	ND	(0.231)	[1]	ND	(0.226)	[1]	ND	(0.852)	[1]	ND	(0.869)	[1]
2,4-Dimethylphenol	ND	(0.900)	[1]	7.73	(0.882)	[1]	150	(0.790)	[1]	35.0	(0.806)	[1]
2,4-Dinitrophenol	ND	(2.86)	[1]	ND	(2.80)	[1]	ND	(1.10)	[1]	ND	(1.12)	[1]
2,4-Dinitrotoluene	ND	(0.512)	[1]	ND	(0.502)	[1]	ND	(0.670)	[1]	ND	(0.683)	[1]
2,6-Dinitrotoluene	ND	(0.807)	[1]	ND	(0.791)	[1]	ND	(0.730)	[1]	ND	(0.745)	[1]
2-Chloronaphthalene	ND	(1.17)	[1]	ND	(1.15)	[1]	ND	(0.644)	[1]	ND	(0.656)	[1]
2-Chlorophenol	ND	(0.691)	[1]	ND	(0.677)	[1]	ND	(0.554)	[1]	ND	(0.565)	[1]
2-Methylnaphthalene	ND	(0.744)	[1]	16.2	(0.729)	[1]	ND	(0.569)	[1]	97.4	(0.580)	[1]
2-Methylphenol	ND	(0.649)	[1]	35.9	(0.636)	[1]	23.9	(1.54)	[5]	219	(1.57)	[5]
2-Nitroaniline	ND	(1.17)	[1]	ND	(1.15)	[1]	ND	(0.723)	[1]	ND	(0.738)	[1]
2-Nitrophenol	ND	(0.705)	[1]	ND	(0.691)	[1]	ND	(0.726)	[1]	ND	(0.741)	[1]
3,3'-Dichlorobenzidine	ND	(0.550)	[1]	ND	(0.539)	[1]	ND	(0.877)	[1]	ND	(0.894)	[1]
3-Nitroaniline	ND	(0.878)	[1]	ND	(0.860)	[1]	ND	(0.763)	[1]	ND	(0.778)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.996)	[1]	ND	(0.976)	[1]	ND	(0.962)	[1]	ND	(0.981)	[1]
4-Bromophenyl phenyl ether	ND	(0.899)	[1]	ND	(0.881)	[1]	ND	(0.411)	[1]	ND	(0.419)	[1]
4-Chloro-3-methylphenol	ND	(0.679)	[1]	ND	(0.665)	[1]	ND	(0.392)	[1]	ND	(0.400)	[1]
4-Chlorophenyl phenyl ether	ND	(0.586)	[1]	ND	(0.574)	[1]	ND	(0.458)	[1]	ND	(0.467)	[1]
4-Methylphenol/3-Methylphenol	ND	(0.447)	[1]	16.0 F	(0.438)	[1]	252 F	(1.79)	[5]	128 F	(0.364)	[1]
4-Nitroaniline	ND	(1.11)	[1]	ND	(1.09)	[1]	ND	(1.07)	[1]	ND	(1.09)	[1]
4-Nitrophenol	ND	(2.85)	[1]	ND	(2.79)	[1]	ND	(1.14)	[1]	ND	(1.16)	[1]
Acenaphthene	ND	(0.742)	[1]	ND	(0.727)	[1]	ND	(0.626)	[1]	ND	(0.639)	[1]

Compiled: 15 March 1995

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A13-20

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	5				5				5			
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	5				5				5			
	05-MW-02				05-MW-03				05-MW-04			
	G94-05-MW-02-FD Dup of				G94-05-MW-03				G94-05-MW-04			
	G94-05-MW-02											

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor NA = Not Detected * - Value considered suspect, Refer to QC Report

A13-22

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	5	5	5	5	5	5	5	5	5	5
	05-MW-06	05-MW-07	05-MW-11	05-MW-13	05-MW-13	05-MW-13	05-MW-13	05-MW-13	05-MW-13	05-MW-13
	694-05-MW-06	694-05-MW-07	694-05-MW-11	694-05-MW-13	694-05-MW-13	694-05-MW-13	694-05-MW-13	694-05-MW-13	694-05-MW-13	694-05-MW-13
PARAMETER	0.00 JB (	50.0) [1]	97000 (	50.0) [1]	1200 (	50.0) [1]	13.0 J (	50.0) [1]	140 (	100) [1]
AK101 - Gasoline Range Organics (ug/L)	53.0 J (	100) [1]	8700 (	100) [1]	1200 (	100) [1]	140 (	100) [1]	140 (	100) [1]
Gasoline Range Organics	53.0 J (	100) [1]	8700 (	100) [1]	1200 (	100) [1]	140 (	100) [1]	140 (	100) [1]
AK102 - Diesel Range Organics (ug/L)	53.0 J (	100) [1]	8700 (	100) [1]	1200 (	100) [1]	140 (	100) [1]	140 (	100) [1]
Diesel Range Organics	53.0 J (	100) [1]	8700 (	100) [1]	1200 (	100) [1]	140 (	100) [1]	140 (	100) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	53.0 J (	100) [1]	8700 (	100) [1]	1200 (	100) [1]	140 (	100) [1]	140 (	100) [1]
4,4'-DDD	ND (	0.00288) [1]	ND (	0.0150) [5]	ND (	0.00299) [1]	ND (	0.0110) [5]	ND (	0.0110) [5]
4,4'-DDE	ND (	0.00331) [1]	ND (	0.0172) [5]	ND (	0.00344) [1]	ND (	0.0227) [5]	ND (	0.0227) [5]
4,4'-DDT	ND (	0.00353) [1]	0.0506 KJ (	0.0652) [5]	0.00640 (	0.00367) [1]	ND (	0.0366) [5]	ND (	0.0366) [5]
Aldrin	0.0114 (	0.00395) [1]	ND (	0.0120) [5]	0.00540 (	0.00411) [1]	ND (	0.0143) [5]	ND (	0.0143) [5]
Chlordane	ND (	0.0192) [1]	ND (	0.0995) [5]	ND (	0.0199) [1]	ND (	0.118) [5]	ND (	0.118) [5]
Dieldrin	0.0169 (	0.00270) [1]	ND (	0.0140) [5]	0.0102 (	0.00280) [1]	ND (	0.0198) [5]	ND (	0.0198) [5]
Endosulfan I	0.00200 PJ (	0.00431) [1]	ND (	0.0107) [5]	0.00360 KJ (	0.00448) [1]	ND (	0.0446) [5]	ND (	0.0446) [5]
Endosulfan II	ND (	0.00362) [1]	ND (	0.0188) [5]	ND (	0.00376) [1]	ND (	0.0186) [5]	ND (	0.0186) [5]
Endosulfan Sulfate	ND (	0.00478) [1]	0.00430 KJ (	0.0500) [5]	0.00410 J (	0.00497) [1]	ND (	0.0267) [5]	ND (	0.0267) [5]
Endrin	ND (	0.00729) [1]	ND (	0.0379) [5]	ND (	0.00758) [1]	ND (	0.0356) [5]	ND (	0.0356) [5]
Endrin Aldehyde	0.00140 PJ (	0.00602) [1]	ND (	0.0313) [5]	ND (	0.00625) [1]	ND (	0.0196) [5]	ND (	0.0196) [5]
Heptachlor	0.00280 J (	0.00522) [1]	0.00290 PJ (	0.0271) [5]	ND (	0.00542) [1]	ND (	0.0116) [5]	ND (	0.0116) [5]
Heptachlor epoxide	0.00850 P (	0.00181) [1]	0.0270 P (	0.00941) [5]	0.00510 P (	0.00188) [1]	ND (	0.0111) [5]	ND (	0.0111) [5]
Methoxychlor	ND (	0.0380) [1]	ND (	0.198) [5]	ND (	0.0395) [1]	ND (	0.268) [5]	ND (	0.268) [5]
PCB-1016	ND (	0.0308) [1]	ND (	0.160) [5]	ND (	0.0321) [1]	ND (	0.120) [5]	ND (	0.120) [5]
PCB-1221	ND (	0.0277) [1]	ND (	0.144) [5]	ND (	0.0288) [1]	ND (	0.114) [5]	ND (	0.114) [5]
PCB-1232	ND (	0.0701) [1]	ND (	0.364) [5]	ND (	0.0728) [1]	ND (	0.0858) [5]	ND (	0.0858) [5]
PCB-1242	ND (	0.0257) [1]	ND (	0.133) [5]	ND (	0.0267) [1]	ND (	0.588) [5]	ND (	0.588) [5]
PCB-1248	ND (	0.0304) [1]	ND (	0.158) [5]	ND (	0.0316) [1]	ND (	0.204) [5]	ND (	0.204) [5]
PCB-1254	ND (	0.0122) [1]	ND (	0.0632) [5]	ND (	0.0126) [1]	ND (	0.151) [5]	ND (	0.151) [5]
PCB-1260	ND (	0.0338) [1]	ND (	0.175) [5]	ND (	0.0351) [1]	ND (	0.171) [5]	ND (	0.171) [5]
Toxaphene	ND (0.0542) [1]	ND (0.282) [5]	ND (0.0564) [1]	ND (0.209) [5]	ND (0.209) [5]

Compiled: 15 March 1995

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A13-23

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID SAMPLE ID	5 05-MW-07 G94-05-MW-07	5 05-MW-11 G94-05-MW-11	5 05-MW-13 G94-05-MW-13
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00236) [1]	0.161 (0.0143) [5]	ND (0.00245) [1]	0.0662 (0.0210) [5]
beta-BHC	ND (0.00390) [1]	ND (0.0166) [5]	0.00230 PJ (0.00332) [1]	ND (0.0166) [5]
delta-BHC	ND (0.00224) [1]	ND (0.0117) [5]	ND (0.00233) [1]	ND (0.0107) [5]
gamma-BHC	0.00860 (0.00172) [1]	0.156 (0.00892) [5]	0.00850 (0.00178) [1]	ND (0.00662) [5]
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851) [1]	ND (1.28) [15]	ND (0.0851) [1]	ND (0.0851) [1]
1,1,1-Trichloroethane	ND (0.0992) [1]	ND (1.49) [15]	ND (0.0992) [1]	ND (0.0992) [1]
1,1,2,2-Tetrachloroethane	ND (0.170) [1]	ND (2.55) [15]	ND (0.170) [1]	ND (0.170) [1]
1,1,2-Trichloroethane	ND (0.0920) [1]	ND (1.38) [15]	ND (0.0920) [1]	ND (0.0920) [1]
1,1-Dichloroethane	ND (0.0886) [1]	ND (1.33) [15]	ND (0.0886) [1]	ND (0.0886) [1]
1,1-Dichloroethene	ND (0.0806) [1]	ND (1.21) [15]	ND (0.0806) [1]	ND (0.0806) [1]
1,2,3-Trichloropropane	ND (0.233) [1]	ND (3.50) [15]	ND (0.233) [1]	ND (0.233) [1]
1,2-Dichlorobenzene	ND (0.354) [1]	ND (5.31) [15]	ND (0.354) [1]	ND (0.354) [1]
1,2-Dichloroethane	ND (0.0791) [1]	59.2 (1.19) [15]	0.450 (0.0791) [1]	1.17 (0.0791) [1]
1,2-Dichloropropane	ND (0.0742) [1]	ND (1.11) [15]	ND (0.0742) [1]	ND (0.0742) [1]
1,3-Dichlorobenzene	ND (0.391) [1]	ND (5.86) [15]	ND (0.391) [1]	ND (0.391) [1]
1,4-Dichlorobenzene	ND (0.423) [1]	ND (6.34) [15]	ND (0.423) [1]	ND (0.423) [1]
1-Chlorohexane	ND (0.154) [1]	ND (2.31) [15]	ND (0.154) [1]	ND (0.154) [1]
2-Butanone(MEK)	ND (0.890) [1]	ND (13.4) [15]	ND (0.890) [1]	ND (0.890) [1]
2-Chloroethyl vinyl ether	ND (0.124) [1]	ND (1.86) [15]	ND (0.124) [1]	ND (0.124) [1]
2-Hexanone	ND (0.766) [1]	ND (11.5) [15]	ND (0.766) [1]	ND (0.766) [1]
4-Methyl-2-Pentanone(MIBK)	ND (0.501) [1]	ND (7.52) [15]	ND (0.501) [1]	ND (0.501) [1]
Acetone	2.49 B (2.09) [1]	56.4 (31.4) [15]	2.21 (2.09) [1]	ND (2.09) [1]
Benzene	0.0700 B (0.0307) [1]	24400 (15.4) [500]	7.94 (0.0307) [1]	5.23 (0.0307) [1]
Bromobenzene	ND (0.165) [1]	ND (2.48) [15]	ND (0.165) [1]	ND (0.165) [1]
Bromodichloromethane	ND (0.0536) [1]	ND (0.804) [15]	ND (0.0536) [1]	ND (0.0536) [1]
Bromoform	ND (0.108) [1]	ND (1.62) [15]	ND (0.108) [1]	ND (0.108) [1]

Compiled: 15 March 1995

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A13-24

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	5		5		5		5		5	
	05-MW-06		05-MW-07		05-MW-11		05-MW-13		05-MW-13	
	G94-05-MW-06		G94-05-MW-07		G94-05-MW-11		G94-05-MW-13		G94-05-MW-13	
SW8260 - Volatile Organic Compounds, cont. (ug/L)										
Bromomethane	ND	(0.0968)	[1]	ND	(1.45)	[15]	ND	(0.0968)	[1]	ND (0.0968)
Carbon disulfide	ND	(0.161)	[1]	ND	(2.42)	[15]	ND	(0.161)	[1]	ND (0.161)
Carbon tetrachloride	ND	(0.117)	[1]	ND	(1.76)	[15]	ND	(0.117)	[1]	ND (0.117)
Chlorobenzene	ND	(0.112)	[1]	ND	(1.68)	[15]	ND	(0.112)	[1]	ND (0.112)
Chloroethane	ND	(0.0972)	[1]	ND	(1.46)	[15]	ND	(0.0972)	[1]	0.0800 J (0.0972)
Chloroform	ND	(0.0363)	[1]	ND	(0.544)	[15]	ND	(0.0363)	[1]	ND (0.0363)
Chloromethane	ND	(0.155)	[1]	ND	(2.32)	[15]	ND	(0.155)	[1]	1.22 (0.155)
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.424)	[15]	ND	(0.0283)	[1]	ND (0.0283)
Dibromomethane	0.220	(0.0598)	[1]	ND	(0.897)	[15]	ND	(0.0598)	[1]	ND (0.0598)
Ethyl benzene	ND	(0.110)	[1]	649	(1.65)	[15]	0.0900 J (0.110)	[1]	[1]	0.0100 J (0.110)
Meta-&Para-Xylene	ND	(0.365)	[1]	2320	(91.2)	[250]	0.310 J (0.365)	[1]	[1]	ND (0.365)
Methylene Chloride	0.160 B	(0.151)	[1]	3.60	(2.26)	[15]	0.130 JB (0.151)	[1]	[1]	0.230 B (0.151)
Ortho-Xylene	ND	(0.124)	[1]	768	(1.86)	[15]	0.300 (0.124)	[1]	[1]	ND (0.124)
Styrene	ND	(0.113)	[1]	ND	(1.70)	[15]	ND	(0.113)	[1]	ND (0.113)
Tetrachloroethene	ND	(0.209)	[1]	ND	(3.14)	[15]	ND	(0.209)	[1]	ND (0.209)
Toluene	0.0500	(0.0336)	[1]	20200	(16.8)	[500]	2.64 (0.0336)	[1]	[1]	0.0400 (0.0336)
Trichloroethene	ND	(0.0439)	[1]	ND	(0.658)	[15]	ND	(0.0439)	[1]	ND (0.0439)
Trichlorofluoromethane	ND	(0.0943)	[1]	ND	(1.41)	[15]	ND	(0.0943)	[1]	ND (0.0943)
Vinyl Chloride	ND	(0.0992)	[1]	ND	(1.49)	[15]	ND	(0.0992)	[1]	ND (0.0992)
Vinyl acetate	ND	(0.127)	[1]	ND	(1.90)	[15]	ND	(0.127)	[1]	ND (0.127)
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(1.18)	[15]	ND	(0.0785)	[1]	ND (0.0785)
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(1.14)	[15]	ND	(0.0758)	[1]	ND (0.0758)
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(1.96)	[15]	ND	(0.131)	[1]	ND (0.131)
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(1.24)	[15]	ND	(0.0829)	[1]	ND (0.0829)
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(0.470)	[1]	ND	(0.427)	[1]	ND	(0.435)	[1]	ND (0.866)
1,2-Dichlorobenzene	ND	(0.570)	[1]	ND	(0.596)	[1]	ND	(0.608)	[1]	ND (0.733)

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A13-25

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				5				5				5			
	LOCATION ID				5				5				5			
	SAMPLE ID				5				5				5			
	05-MW-06				05-MW-07				05-MW-11				05-MW-13			
	G94-05-MW-06				G94-05-MW-07				G94-05-MW-11				G94-05-MW-13			
SW8270 - Semivolatile Organics, cont. (ug/L)																
1,3-Dichlorobenzene	ND	(0.382)	[1]	ND	(0.542)	[1]	ND	(0.553)	[1]	ND	(0.446)	[1]	ND	(0.446)	[1]	ND
1,4-Dichlorobenzene	ND	(1.50)	[1]	ND	(0.710)	[1]	ND	(0.724)	[1]	ND	(0.698)	[1]	ND	(0.698)	[1]	ND
2,4,5-Trichlorophenol	ND	(0.305)	[1]	ND	(0.534)	[1]	ND	(0.544)	[1]	ND	(0.695)	[1]	ND	(0.695)	[1]	ND
2,4,6-Trichlorophenol	ND	(0.363)	[1]	ND	(0.636)	[1]	ND	(0.648)	[1]	ND	(0.500)	[1]	ND	(0.500)	[1]	ND
2,4-Dichlorophenol	ND	(0.381)	[1]	ND	(0.844)	[1]	ND	(0.861)	[1]	ND	(0.224)	[1]	ND	(0.224)	[1]	ND
2,4-Dimethylphenol	ND	(0.621)	[1]	48.2	(0.783)	[1]	ND	(0.798)	[1]	ND	(0.873)	[1]	ND	(0.873)	[1]	ND
2,4-Dinitrophenol	ND	(1.14)	[1]	ND	(1.09)	[1]	ND	(1.11)	[1]	ND	(2.77)	[1]	ND	(2.77)	[1]	ND
2,4-Dinitrotoluene	ND	(0.299)	[1]	ND	(0.663)	[1]	ND	(0.676)	[1]	ND	(0.497)	[1]	ND	(0.497)	[1]	ND
2,6-Dinitrotoluene	ND	(0.583)	[1]	ND	(0.723)	[1]	ND	(0.737)	[1]	ND	(0.783)	[1]	ND	(0.783)	[1]	ND
2-Chloronaphthalene	ND	(0.752)	[1]	ND	(0.637)	[1]	ND	(0.650)	[1]	ND	(1.14)	[1]	ND	(1.14)	[1]	ND
2-Chlorophenol	ND	(0.507)	[1]	ND	(0.549)	[1]	ND	(0.560)	[1]	ND	(0.670)	[1]	ND	(0.670)	[1]	ND
2-Methylnaphthalene	ND	(0.765)	[1]	118	(0.563)	[1]	ND	(0.575)	[1]	ND	(0.722)	[1]	ND	(0.722)	[1]	ND
2-Methylphenol	ND	(0.450)	[1]	415	(3.05)	[10]	ND	(0.311)	[1]	ND	(0.630)	[1]	ND	(0.630)	[1]	ND
2-Nitroaniline	ND	(0.486)	[1]	ND	(0.716)	[1]	ND	(0.730)	[1]	ND	(1.14)	[1]	ND	(1.14)	[1]	ND
2-Nitrophenol	ND	(0.729)	[1]	ND	(0.719)	[1]	ND	(0.733)	[1]	ND	(0.534)	[1]	ND	(0.534)	[1]	ND
3,3'-Dichlorobenzidine	ND	(3.49)	[1]	ND	(0.868)	[1]	ND	(0.885)	[1]	ND	(0.684)	[1]	ND	(0.684)	[1]	ND
3-Nitroaniline	ND	(0.482)	[1]	ND	(0.756)	[1]	ND	(0.771)	[1]	ND	(0.851)	[1]	ND	(0.851)	[1]	ND
4,6-Dinitro-2-methylphenol	ND	(2.73)	[1]	ND	(0.953)	[1]	ND	(0.972)	[1]	ND	(0.966)	[1]	ND	(0.966)	[1]	ND
4-Bromophenyl phenyl ether	ND	(0.272)	[1]	ND	(0.407)	[1]	ND	(0.415)	[1]	ND	(0.872)	[1]	ND	(0.872)	[1]	ND
4-Chloro-3-methylphenol	ND	(0.358)	[1]	ND	(0.388)	[1]	ND	(0.396)	[1]	ND	(0.658)	[1]	ND	(0.658)	[1]	ND
4-Chlorophenyl phenyl ether	ND	(0.425)	[1]	ND	(0.454)	[1]	ND	(0.463)	[1]	ND	(0.568)	[1]	ND	(0.568)	[1]	ND
4-Methylphenol/3-Methylphenol	ND	(0.417)	[1]	201 F	(3.54)	[10]	ND	(0.361)	[1]	ND	(0.434)	[1]	ND	(0.434)	[1]	ND
4-Nitroaniline	ND	(0.586)	[1]	ND	(1.06)	[1]	ND	(1.08)	[1]	ND	(1.08)	[1]	ND	(1.08)	[1]	ND
4-Nitrophenol	ND	(0.718)	[1]	ND	(1.12)	[1]	ND	(1.15)	[1]	ND	(2.76)	[1]	ND	(2.76)	[1]	ND
Acenaphthene	ND	(0.570)	[1]	ND	(0.620)	[1]	ND	(0.632)	[1]	ND	(0.720)	[1]	ND	(0.720)	[1]	ND
Acenaphthylene	ND	(0.581)	[1]	ND	(0.614)	[1]	ND	(0.626)	[1]	ND	(0.628)	[1]	ND	(0.628)	[1]	ND
Anthracene	ND	(0.626)	[1]	ND	(0.740)	[1]	ND	(0.755)	[1]	ND	(0.582)	[1]	ND	(0.582)	[1]	ND
Benzo(a)anthracene	ND	(0.687)	[1]	ND	(0.577)	[1]	ND	(0.588)	[1]	ND	(0.546)	[1]	ND	(0.546)	[1]	ND

Compiled: 15 March 1995

() = Detection Limit

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ND = Not Detected

NA = Not Applicable

*

Value considered suspect, Refer to QC Report

A13-26

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	5	5	5	5
	05-MW-06	05-MW-07	05-MW-11	05-MW-13
	G94-05-MW-06	G94-05-MW-07	G94-05-MW-11	G94-05-MW-13
SW8270 - Semivolatile Organics, cont. (ug/L)				
Benzo(a)pyrene	ND (0.624)	ND (0.771)	ND (0.786)	ND (0.689)
Benzo(b)fluoranthene	ND (0.612)	ND (1.02)	ND (1.04)	ND (0.696)
Benzo(g,h,i)perylene	ND (0.662)	ND (1.10)	ND (1.12)	ND (0.670)
Benzo(k)fluoranthene	ND (0.892)	ND (1.07)	ND (1.09)	ND (0.875)
Benzoic acid	ND (5.69)	1150 (253)	1.45 J (25.8)	ND (5.97)
Benzy l alcohol	ND (0.404)	ND (0.522)	ND (0.532)	ND (0.602)
Butylbenzylphthalate	ND (0.447)	ND (1.77)	ND (1.80)	ND (1.75)
Chrysene	ND (0.695)	ND (0.962)	ND (0.980)	ND (0.722)
Di-n-octylphthalate	ND (0.609)	ND (0.500)	ND (0.510)	ND (0.790)
Dibenz(a,h)anthracene	ND (0.764)	ND (0.971)	ND (0.990)	ND (0.725)
Dibenzofuran	ND (0.574)	5.93 (0.537)	ND (0.548)	ND (0.550)
Dibutylphthalate	ND (0.448)	ND (0.480)	ND (0.489)	ND (0.576)
Diethylphthalate	ND (0.612)	ND (0.246)	ND (0.251)	ND (0.377)
Dimethylphthalate	ND (0.382)	ND (0.435)	ND (0.443)	ND (0.394)
Diphenylamine	ND (0.612)	ND (0.873)	ND (0.890)	ND (0.917)
Fluoranthene	ND (0.634)	ND (0.572)	ND (0.583)	ND (0.621)
Fluorene	ND (0.670)	5.89 (0.445)	ND (0.454)	ND (0.515)
Hexachlorobenzene	ND (0.507)	ND (0.535)	ND (0.545)	ND (0.698)
Hexachlorobutadiene	ND (0.674)	ND (1.00)	ND (1.02)	ND (0.730)
Hexachlorocyclopentadiene	ND (1.87)	ND (1.15)	ND (1.18)	ND (2.11)
Hexachloroethane	ND (1.69)	ND (0.536)	ND (0.546)	ND (0.835)
Indeno(1,2,3-cd)pyrene	ND (0.720)	ND (0.857)	ND (0.874)	ND (0.526)
Isophorone	ND (0.321)	ND (0.313)	ND (0.320)	ND (0.757)
N-Nitroso-di-n-propylamine	ND (0.535)	ND (0.598)	ND (0.610)	ND (0.427)
Naphthalene	ND (0.678)	126 (0.749)	ND (0.764)	ND (0.628)
Nitrobenzene	ND (0.513)	ND (0.426)	ND (0.434)	ND (1.13)
Pentachlorophenol	ND (0.458)	ND (0.924)	ND (0.942)	ND (1.05)
Phenanthrene	ND (0.582)	0.787 (0.640)	ND (0.653)	ND (0.806)

Compiled: 15 March 1995

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ND = Not Detected

NA = Not Applicable

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A13-27

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									

SW8270 - Semivolatile Organics, cont. (ug/L)												
Pheno1	ND	(0.405)	[1]	302	(3.62)	[10]	ND	(0.369)	[1]	ND	(0.330)	[1]
Pyrene	ND	(0.753)	[1]	ND	(0.687)	[1]	ND	(0.700)	[1]	ND	(0.442)	[1]
bis(2-Chloroethoxy)methane	ND	(0.515)	[1]	ND	(0.613)	[1]	ND	(0.625)	[1]	ND	(0.830)	[1]
bis(2-Chloroethyl)ether	ND	(0.561)	[1]	ND	(0.473)	[1]	ND	(0.482)	[1]	ND	(0.915)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.524)	[1]	ND	(0.430)	[1]	ND	(0.438)	[1]	ND	(1.13)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.908)	[1]	2.97	(2.58)	[1]	ND	(2.63)	[1]	ND	(1.48)	[1]
p-Chloroaniline	ND	(0.847)	[1]	ND	(0.912)	[1]	ND	(0.929)	[1]	ND	(0.880)	[1]

5												
05-MW-06												
G94-05-MW-06												
5												
05-MW-07												
G94-05-MW-07												
5												
05-MW-11												
G94-05-MW-11												
5												
05-MW-13												
G94-05-MW-13												

Compiled: 15 March 1995

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A13-28

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID																	
	5						8											
	LOCATION ID SAMPLE ID						LOCATION ID SAMPLE ID											
	05-MW-14 694-05-MW-14						06-MW-01 694-06-MW-01						06-MW-02 694-06-MW-02					
	05-MW-15 694-05-MW-15																	
AK101 - Gasoline Range Organics (ug/L)	76.0	(	50.0)	[1]	10.0	J (	50.0)	[1]	3800	(	50.0)	[1]	38.0	J (	50.0)	[1]
Gasoline Range Organics																		
AK102 - Diesel Range Organics (ug/L)	0.00	JB (	100)	[1]	28.0	J (	100)	[1]	55.0	J (	100)	[1]	0.00	JB (	100)	[1]
Diesel Range Organics																		
SW8080 - Organochlorine Pesticides and PCBs (ug/L)																		
4,4'-DDD	ND	(	0.00293)	[1]	ND	(	0.00311)	[1]	ND	(	0.00223)	[1]	0.0910	(	0.00296)	[1]
4,4'-DDE	ND	(	0.00365)	[1]	ND	(	0.00388)	[1]	0.00460	(	0.00459)	[1]	0.00760	(	0.00341)	[1]
4,4'-DDT	ND	(	0.00360)	[1]	0.0121	KJ (	0.0136)	[1]	0.00840	KJ (	0.00869)	[1]	0.0108	(	0.00363)	[1]
Aldrin	0.00510	(	0.00403)	[1]	ND	(	0.00428)	[1]	ND	(	0.00289)	[1]	0.00630	(	0.00407)	[1]
Chlordane	ND	(	0.0195)	[1]	ND	(	0.0207)	[1]	ND	(	0.0238)	[1]	ND	(	0.0197)	[1]
Dieldrin	ND	(	0.00399)	[1]	ND	(	0.00292)	[1]	ND	(	0.00399)	[1]	0.0204	(	0.00278)	[1]
Endosulfan I	ND	(	0.00210)	[1]	0.00120	KJ (	0.00466)	[1]	ND	(	0.00901)	[1]	ND	(	0.00213)	[1]
Endosulfan II	ND	(	0.00369)	[1]	ND	(	0.00392)	[1]	ND	(	0.00376)	[1]	ND	(	0.00373)	[1]
Endosulfan Sulfate	0.00650	KJ (	0.00981)	[1]	0.00280	KJ (	0.0104)	[1]	ND	(	0.00539)	[1]	0.00140	KJ (	0.00990)	[1]
Endrin	ND	(	0.00743)	[1]	ND	(	0.00789)	[1]	ND	(	0.00719)	[1]	ND	(	0.00750)	[1]
Endrin Aldehyde	ND	(	0.00613)	[1]	ND	(	0.00651)	[1]	ND	(	0.00396)	[1]	ND	(	0.00619)	[1]
Heptachlor	ND	(	0.00532)	[1]	ND	(	0.00564)	[1]	0.000300	KJ (	0.00126)	[1]	ND	(	0.00537)	[1]
Heptachlor epoxide	0.0132	(	0.00917)	[1]	0.000800	J (	0.00973)	[1]	ND	(	0.00225)	[1]	0.00820	KJ (	0.00926)	[1]
Methoxychlor	ND	(	0.0387)	[1]	ND	(	0.0411)	[1]	ND	(	0.0542)	[1]	ND	(	0.0391)	[1]
PCB-1016	ND	(	0.0314)	[1]	ND	(	0.0334)	[1]	ND	(	0.0242)	[1]	ND	(	0.0317)	[1]
PCB-1221	ND	(	0.0283)	[1]	ND	(	0.0300)	[1]	ND	(	0.0230)	[1]	ND	(	0.0285)	[1]
PCB-1232	ND	(	0.0714)	[1]	ND	(	0.0758)	[1]	ND	(	0.0173)	[1]	ND	(	0.0721)	[1]
PCB-1242	ND	(	0.0262)	[1]	ND	(	0.0278)	[1]	ND	(	0.119)	[1]	ND	(	0.0264)	[1]
PCB-1248	ND	(	0.0310)	[1]	ND	(	0.0329)	[1]	ND	(	0.0413)	[1]	ND	(	0.0313)	[1]
PCB-1254	ND	(	0.0124)	[1]	ND	(	0.0132)	[1]	ND	(	0.0305)	[1]	ND	(	0.0125)	[1]
PCB-1260	ND	(	0.0344)	[1]	ND	(	0.0365)	[1]	ND	(	0.0346)	[1]	ND	(	0.0348)	[1]
Toxaphene	ND	(	0.0553)	[1]	ND	(	0.0587)	[1]	ND	(	0.0423)	[1]	ND	(	0.0558)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-29

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	5	5	8	8
	05-MW-14	05-MW-15	06-MW-01	06-MW-02
	694-05-MW-14	694-05-MW-15	694-06-MW-01	694-06-MW-02

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00240)	ND (0.00255)	ND (0.00425)	ND (0.00283)
beta-BHC	ND (0.00397)	ND (0.00421)	ND (0.00336)	ND (0.00401)
delta-BHC	ND (0.00229)	ND (0.00243)	ND (0.00216)	ND (0.00231)
gamma-BHC	ND (0.00175)	ND (0.00186)	ND (0.00387)	ND (0.00177)

SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	ND (0.0851)	ND (0.0851)	ND (0.0851)
1,1,1-Trichloroethane	ND (0.0992)	ND (0.0992)	ND (0.0992)	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)
1,1,2-Trichloroethane	ND (0.0920)	ND (0.0920)	1.26 (0.0920)	ND (0.0920)
1,1-Dichloroethane	ND (0.0886)	ND (0.0886)	0.710 (0.0886)	0.0900 (0.0886)
1,1-Dichloroethene	ND (0.0806)	ND (0.0806)	5.65 (0.0806)	0.160 (0.0806)
1,2,3-Trichloropropane	ND (0.233)	ND (0.233)	ND (0.233)	ND (0.233)
1,2-Dichlorobenzene	ND (0.354)	ND (0.354)	ND (0.354)	ND (0.354)
1,2-Dichloroethane	ND (0.0791)	0.560 (0.0791)	0.740 (0.0791)	1.07 (0.0791)
1,2-Dichloropropane	ND (0.0742)	ND (0.0742)	ND (0.0742)	ND (0.0742)
1,3-Dichlorobenzene	ND (0.391)	ND (0.391)	ND (0.391)	ND (0.391)
1,4-Dichlorobenzene	ND (0.423)	ND (0.423)	ND (0.423)	ND (0.423)
1-Chlorohexane	ND (0.154)	ND (0.154)	ND (0.154)	ND (0.154)
2-Butanone(MEK)	ND (0.890)	ND (0.890)	ND (0.890)	ND (0.890)
2-Chloroethyl vinyl ether	ND (0.124)	ND (0.124)	ND (0.124)	ND (0.124)
2-Hexanone	ND (0.766)	ND (0.766)	ND (0.766)	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	ND (0.501)	ND (0.501)	ND (0.501)
Acetone	2.43 B (2.09)	5.23 (2.09)	4.92 B (2.09)	6.08 (2.09)
Benzene	0.0400 B (0.0307)	0.0400 B (0.0307)	0.640 (0.0307)	0.0500 B (0.0307)
Bromobenzene	ND (0.165)	ND (0.165)	ND (0.165)	ND (0.165)
Bromodichloromethane	ND (0.0536)	ND (0.0536)	ND (0.0536)	ND (0.0536)
Bromoform	ND (0.108)	ND (0.108)	ND (0.108)	ND (0.108)

Compiled: 15 March 1995

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A13-30

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	5		8	
	LOCATION ID SAMPLE ID	05-MW-15 694-05-MW-14	06-MW-01 694-06-MW-02	06-MW-02 694-06-MW-02
SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	1.96 (0.0363) [1]	0.200 (0.0363) [1]
Chloromethane	0.170 B (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]
Dibromomethane	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]
Ethyl benzene	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]
Meta-&Para-Xylene	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]
Methylene Chloride	0.230 B (0.151) [1]	0.190 B (0.151) [1]	1.26 B (0.151) [1]	0.340 B (0.151) [1]
Ortho-Xylene	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]
Toluene	0.0300 JB (0.0336) [1]	0.0700 (0.0336) [1]	0.200 (0.0336) [1]	ND (0.0336) [1]
Trichloroethene	ND (0.0439) [1]	ND (0.0439) [1]	7550 (11.0) [250]	77.7 (0.132) [3]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	0.110 (0.0943) [1]	ND (0.0943) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	0.760 (0.0992) [1]	ND (0.0992) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]
cis-1,2-Dichloroethene	ND (0.0785) [1]	ND (0.0785) [1]	2660 (4.71) [60]	0.520 (0.0785) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.131) [1]	185 (7.86) [60]	ND (0.131) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.431) [1]	ND (0.440) [1]	ND (0.617) [1]	ND (0.486) [1]
1,2-Dichlorobenzene	ND (0.602) [1]	ND (0.614) [1]	ND (0.674) [1]	ND (0.589) [1]

Compiled: 15 March 1995

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A13-31

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	5				8			
	05-MW-14 G94-05-MW-14		05-MW-15 G94-05-MW-15		06-MW-01 G94-06-MW-01		06-MW-02 G94-06-MW-02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)								
1,3-Dichlorobenzene	ND	(0.548)	[1]	ND	(0.558)	[1]	ND	(0.395)
1,4-Dichlorobenzene	ND	(0.717)	[1]	ND	(0.731)	[1]	ND	(1.34)
2,4,5-Trichlorophenol	ND	(0.539)	[1]	ND	(0.550)	[1]	ND	(0.456)
2,4,6-Trichlorophenol	ND	(0.642)	[1]	ND	(0.654)	[1]	ND	(0.431)
2,4-Dichlorophenol	ND	(0.852)	[1]	ND	(0.869)	[1]	ND	(0.671)
2,4-Dimethylphenol	ND	(0.790)	[1]	ND	(0.806)	[1]	ND	(0.622)
2,4-Dinitrophenol	ND	(1.10)	[1]	ND	(1.12)	[1]	ND	(1.83)
2,4-Dinitrotoluene	ND	(0.670)	[1]	ND	(0.683)	[1]	ND	(0.744)
2,6-Dinitrotoluene	ND	(0.730)	[1]	ND	(0.745)	[1]	ND	(0.720)
2-Chloronaphthalene	ND	(0.644)	[1]	ND	(0.656)	[1]	ND	(0.921)
2-Chlorophenol	ND	(0.554)	[1]	ND	(0.565)	[1]	ND	(0.610)
2-Methylnaphthalene	ND	(0.569)	[1]	ND	(0.580)	[1]	ND	(1.12)
2-Methylphenol	ND	(0.308)	[1]	ND	(0.314)	[1]	ND	(0.550)
2-Nitroaniline	ND	(0.723)	[1]	ND	(0.738)	[1]	ND	(0.716)
2-Nitrophenol	ND	(0.726)	[1]	ND	(0.741)	[1]	ND	(1.03)
3,3'-Dichlorobenzidine	ND	(0.877)	[1]	ND	(0.894)	[1]	ND	(0.685)
3-Nitroaniline	ND	(0.763)	[1]	ND	(0.778)	[1]	ND	(0.856)
4,6-Dinitro-2-methylphenol	ND	(0.962)	[1]	ND	(0.981)	[1]	ND	(0.437)
4-Bromophenyl phenyl ether	ND	(0.411)	[1]	ND	(0.419)	[1]	ND	(0.720)
4-Chloro-3-methylphenol	ND	(0.392)	[1]	ND	(0.400)	[1]	ND	(0.598)
4-Chlorophenyl phenyl ether	ND	(0.458)	[1]	ND	(0.467)	[1]	ND	(0.859)
4-Methylphenol/3-Methylphenol	ND	(0.357)	[1]	ND	(0.364)	[1]	ND	(0.822)
4-Nitroaniline	ND	(1.07)	[1]	ND	(1.09)	[1]	ND	(0.550)
4-Nitrophenol	ND	(1.14)	[1]	ND	(1.16)	[1]	ND	(1.10)
Acenaphthene	ND	(0.626)	[1]	ND	(0.639)	[1]	ND	(0.640)
Acenaphthylene	ND	(0.620)	[1]	ND	(0.633)	[1]	ND	(0.436)
Anthracene	ND	(0.748)	[1]	ND	(0.762)	[1]	ND	(0.440)
Benzo(a)anthracene	ND	(0.583)	[1]	ND	(0.594)	[1]	ND	(0.489)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8			
	5		8		8		8	
	LOCATION ID SAMPLE ID	05-MW-14 G94-05-MW-14	LOCATION ID SAMPLE ID	05-MW-15 G94-05-MW-15	LOCATION ID SAMPLE ID	06-MW-01 G94-06-MW-01	LOCATION ID SAMPLE ID	06-MW-02 G94-06-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)								
Benzo(a)pyrene	ND	(0.779)	[1]	ND	(0.794)	[1]	ND	(0.645)
Benzo(b)fluoranthene	ND	(1.03)	[1]	ND	(1.05)	[1]	ND	(0.633)
Benzo(g,h,i)perylene	ND	(1.11)	[1]	ND	(1.13)	[1]	ND	(0.685)
Benzo(k)fluoranthene	ND	(1.08)	[1]	ND	(1.10)	[1]	ND	(0.922)
Benzoic acid	ND	(25.5)	[1]	ND	(26.0)	[1]	ND	(5.88)
Benzyl alcohol	ND	(0.527)	[1]	ND	(0.538)	[1]	ND	(0.418)
Butylbenzylphthalate	ND	(1.79)	[1]	ND	(1.82)	[1]	ND	(0.462)
Chrysene	ND	(0.971)	[1]	ND	(0.990)	[1]	ND	(0.719)
Di-n-octylphthalate	ND	(0.505)	[1]	ND	(0.515)	[1]	ND	(0.630)
Dibenz(a,h)anthracene	ND	(0.981)	[1]	ND	(1.00)	[1]	ND	(0.790)
Dibenzofuran	ND	(0.543)	[1]	ND	(0.553)	[1]	ND	(0.593)
Dibutylphthalate	ND	(0.484)	[1]	ND	(0.494)	[1]	ND	(0.463)
Diethylphthalate	ND	(0.249)	[1]	ND	(0.253)	[1]	ND	(0.633)
Dimethylphthalate	ND	(0.439)	[1]	ND	(0.448)	[1]	ND	(0.395)
Diphenylamine	ND	(0.882)	[1]	ND	(0.899)	[1]	ND	(0.633)
Fluoranthene	ND	(0.578)	[1]	ND	(0.589)	[1]	ND	(0.656)
Fluorene	ND	(0.450)	[1]	ND	(0.458)	[1]	ND	(0.693)
Hexachlorobenzene	ND	(0.540)	[1]	ND	(0.550)	[1]	ND	(0.524)
Hexachlorobutadiene	ND	(1.01)	[1]	ND	(1.03)	[1]	ND	(0.697)
Hexachlorocyclopentadiene	ND	(1.17)	[1]	ND	(1.19)	[1]	ND	(1.93)
Hexachloroethane	ND	(0.541)	[1]	ND	(0.551)	[1]	ND	(1.75)
Indeno(1,2,3-cd)pyrene	ND	(0.865)	[1]	ND	(0.882)	[1]	ND	(0.744)
Isophorone	ND	(0.317)	[1]	ND	(0.323)	[1]	ND	(0.332)
N-Nitroso-di-n-propylamine	ND	(0.604)	[1]	ND	(0.616)	[1]	ND	(0.553)
Naphthalene	ND	(0.756)	[1]	ND	(0.771)	[1]	ND	(0.701)
Nitrobenzene	ND	(0.430)	[1]	ND	(0.439)	[1]	ND	(0.531)
Pentachlorophenol	ND	(0.933)	[1]	ND	(0.951)	[1]	ND	(0.474)
Phenanthrene	ND	(0.647)	[1]	ND	(0.659)	[1]	ND	(0.602)

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-33

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-34

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	8	8	8	8	8	8	8	8	8	8
	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03	06-MW-03
	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03	G94-06-MW-03
	7.00 J (	50.0)	4.00 JB (	50.0)	5400	50.0)	1000	50.0)	1000	50.0)
AK101 - Gasoline Range Organics (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Gasoline Range Organics	7.00 J (	50.0)	4.00 JB (	50.0)	5400	50.0)	1000	50.0)	1000	50.0)
AK102 - Diesel Range Organics (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Diesel Range Organics	58.0 J (	100)	0.00 JB (	100)	3200	100)	49.0 J (	100)	49.0 J (	100)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
4,4'-DDD	ND (	0.00285)	ND (	0.00296)	ND	0.0110)	ND	0.00308)	ND	0.00308)
4,4'-DDE	ND (	0.00328)	ND (	0.00341)	ND	0.0227)	ND	0.00354)	ND	0.00354)
4,4'-DDT	ND (	0.00350)	ND (	0.00363)	ND	0.0366)	ND	0.00378)	ND	0.00378)
Aldrin	ND (	0.00392)	ND (	0.00407)	ND	0.0143)	ND	0.00423)	ND	0.00423)
Chlordane	ND (	0.0190)	ND (	0.0197)	ND	0.118)	ND	0.0205)	ND	0.0205)
Dieldrin	ND (	0.00267)	ND (	0.00403)	ND	0.0198)	0.00910	0.00289)	0.00910	0.00289)
Endosulfan I	ND (	0.00205)	ND (	0.00213)	ND	0.0446)	ND	0.00221)	ND	0.00221)
Endosulfan II	ND (	0.00359)	ND (	0.00373)	ND	0.0186)	ND	0.00388)	ND	0.00388)
Endosulfan Sulfate	0.000200 KJ (	0.00953)	0.00290 KJ (	0.00990)	ND	0.0267)	ND	0.00512)	ND	0.00512)
Endrin	ND (	0.00722)	ND (	0.00750)	ND	0.0356)	ND	0.00781)	ND	0.00781)
Endrin Aldehyde	ND (	0.00596)	0.00120 KJ (	0.00619)	ND	0.0196)	0.00110 PJ (	0.00612)	0.00110 PJ (	0.00612)
Heptachlor	ND (	0.00517)	0.000100 KJ (	0.00639)	ND	0.0116)	0.00250 KJ (	0.00558)	0.00250 KJ (	0.00558)
Heptachlor epoxide	ND (	0.00892)	ND (	0.00926)	ND	0.0123)	ND	0.00194)	ND	0.00194)
Methoxychlor	ND (	0.0377)	ND (	0.0391)	ND	0.268)	0.0358 KJ (	0.0632)	0.0358 KJ (	0.0632)
PCB-1016	ND (	0.0306)	ND (	0.0317)	ND	0.120)	ND	0.0330)	ND	0.0330)
PCB-1221	ND (	0.0275)	ND (	0.0285)	ND	0.114)	ND	0.0297)	ND	0.0297)
PCB-1232	ND (	0.0694)	ND (	0.0721)	ND	0.0858)	ND	0.0750)	ND	0.0750)
PCB-1242	ND (	0.0254)	ND (	0.0264)	ND	0.588)	ND	0.0275)	ND	0.0275)
PCB-1248	ND (	0.0301)	ND (	0.0313)	ND	0.204)	ND	0.0325)	ND	0.0325)
PCB-1254	ND (	0.0121)	ND (	0.0125)	ND	0.151)	ND	0.0130)	ND	0.0130)
PCB-1260	ND (0.0335)	ND (0.0348)	ND	0.171)	ND	0.0362)	ND	0.0362)

Compiled: 15 March 1995

() = Detection Limit

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-35

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
PARAMETER	8	8	8	8
	06-MW-03 G94-06-MW-03	06-MW-03 G94-06-MW-03 Dup of G94-06-MW-03	06-MW-04 G94-06-MW-04	06-MW-05 G94-06-MW-05
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
Toxaphene	ND (0.0537)	ND (0.0558)	ND (0.209)	ND (0.0581)
alpha-BHC	ND (0.00273)	ND (0.00283)	ND (0.0210)	ND (0.00252)
beta-BHC	ND (0.00386)	ND (0.00401)	ND (0.0166)	ND (0.00417)
delta-BHC	ND (0.00222)	ND (0.00231)	ND (0.00872)	ND (0.00240)
gamma-BHC	ND (0.00170)	ND (0.00177)	0.0511 P (0.00662)	ND (0.00184)
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	ND (0.0851)	ND (0.0851)	ND (0.0851)
1,1,1-Trichloroethane	ND (0.0992)	ND (0.0992)	ND (0.0992)	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)
1,1,2-Trichloroethane	ND (0.0920)	ND (0.0920)	ND (0.0920)	ND (0.0920)
1,1-Dichloroethane	ND (0.0886)	ND (0.0886)	ND (0.0886)	ND (0.0886)
1,1-Dichloroethene	ND (0.0806)	ND (0.0806)	ND (0.0806)	ND (0.0806)
1,2,3-Trichloropropane	ND (0.233)	ND (0.233)	ND (0.233)	ND (0.233)
1,2-Dichlorobenzene	ND (0.354)	ND (0.354)	ND (0.354)	ND (0.354)
1,2-Dichloroethane	ND (0.0791)	ND (0.0791)	0.700 (0.0791)	1.18 (0.0791)
1,2-Dichloropropane	ND (0.0742)	ND (0.0742)	ND (0.0742)	ND (0.0742)
1,3-Dichlorobenzene	ND (0.391)	ND (0.391)	ND (0.391)	ND (0.391)
1,4-Dichlorobenzene	ND (0.423)	ND (0.423)	ND (0.423)	ND (0.423)
1-Chlorohexane	ND (0.154)	ND (0.154)	ND (0.154)	ND (0.154)
2-Butanone(MEK)	ND (0.890)	ND (0.890)	5.23 (0.890)	ND (0.890)
2-Chloroethyl vinyl ether	ND (0.124)	ND (0.124)	ND (0.124)	ND (0.124)
2-Hexanone	ND (0.766)	ND (0.766)	ND (0.766)	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	ND (0.501)	ND (0.501)	ND (0.501)
Acetone	6.59 (2.09)	5.87 (2.09)	5.06 FB (2.09)	ND (2.09)
Benzene	0.330 (0.0307)	0.330 (0.0307)	305 (0.154)	0.390 (0.0307)
Bromobenzene	ND (0.165)	ND (0.165)	ND (0.165)	ND (0.165)

Compiled: 15 March 1995

() = Detection Limit

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ND = Not Detected

NA = Not Applicable

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TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID			
	8				8			
	06-MW-03				06-MW-04			
	G94-06-MW-03				G94-06-MW-04			
	G94-06-MW-03 Dup of				G94-06-MW-05			
	G94-06-MW-03				G94-06-MW-05			
SW8260 - Volatile Organic Compounds, cont. (ug/L)								
Bromodichloromethane	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(0.0536)
Bromoform	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(0.108)
Bromomethane	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)
Carbon disulfide	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)
Carbon tetrachloride	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)
Chlorobenzene	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)
Chloroethane	ND	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(0.0972)
Chloroform	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)
Chloromethane	0.0900 JB	(0.155)	[1]	ND	(0.155)	[1]	0.680	(0.155)
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)
Dibromomethane	ND	(0.0598)	[1]	ND	(0.0598)	[1]	0.220	(0.0598)
Ethyl benzene	ND	(0.110)	[1]	ND	(0.110)	[1]	0.0200 J	(0.110)
Meta-&Para-Xylene	ND	(0.365)	[1]	ND	(0.365)	[1]	0.120 J	(0.365)
Methylene Chloride	0.290 B	(0.151)	[1]	0.430 B	(0.151)	[1]	0.230 B	(0.151)
Ortho-Xylene	ND	(0.124)	[1]	ND	(0.124)	[1]	0.0700 J	(0.124)
Styrene	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)
Tetrachloroethene	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)
Toluene	ND	(0.0336)	[1]	0.0800	(0.0336)	[1]	0.0400	(0.0336)
Trichloroethene	ND	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(0.0439)
Trichlorofluoromethane	ND	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)
Vinyl Chloride	0.0200 J	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)
Vinyl acetate	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)
cis-1,2-Dichloroethene	1.13	(0.0785)	[1]	1.03	(0.0785)	[1]	0.140	(0.0785)
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(0.131)
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-37

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8			
	06-MW-03		06-MW-03		06-MW-04		06-MW-05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(0.620)	[1]	ND	(0.626)	[1]	ND	(0.488)
1,2-Dichlorobenzene	ND	(0.677)	[1]	ND	(0.683)	[1]	ND	(0.592)
1,3-Dichlorobenzene	ND	(0.731)	[1]	ND	(0.738)	[1]	ND	(0.397)
1,4-Dichlorobenzene	ND	(1.35)	[1]	ND	(1.36)	[1]	ND	(1.56)
2,4,5-Trichlorophenol	ND	(0.458)	[1]	ND	(0.462)	[1]	ND	(0.317)
2,4,6-Trichlorophenol	ND	(0.433)	[1]	ND	(0.437)	[1]	ND	(0.377)
2,4-Dichlorophenol	ND	(0.674)	[1]	ND	(0.681)	[1]	ND	(0.396)
2,4-Dimethylphenol	ND	(0.625)	[1]	ND	(0.631)	[1]	ND	(0.645)
2,4-Dinitrophenol	ND	(1.84)	[1]	ND	(1.85)	[1]	ND	(1.19)
2,4-Dinitrotoluene	ND	(0.747)	[1]	ND	(0.754)	[1]	ND	(0.311)
2,6-Dinitrotoluene	ND	(0.723)	[1]	ND	(0.730)	[1]	ND	(0.606)
2-Chloronaphthalene	ND	(0.925)	[1]	ND	(0.934)	[1]	ND	(0.781)
2-Chlorophenol	ND	(0.612)	[1]	ND	(0.618)	[1]	ND	(0.526)
2-Methylnaphthalene	ND	(1.12)	[1]	ND	(1.14)	[1]	ND	(0.795)
2-Methylphenol	ND	(0.553)	[1]	ND	(0.558)	[1]	ND	(0.468)
2-Nitroaniline	ND	(0.719)	[1]	ND	(0.726)	[1]	ND	(0.505)
2-Nitrophenol	ND	(1.04)	[1]	ND	(1.05)	[1]	ND	(0.758)
3,3'-Dichlorobenzidine	ND	(0.688)	[1]	ND	(0.695)	[1]	ND	(3.63)
3-Nitroaniline	ND	(0.860)	[1]	ND	(0.868)	[1]	ND	(0.501)
4,6-Dinitro-2-methylphenol	ND	(0.439)	[1]	ND	(0.444)	[1]	ND	(2.83)
4-Bromophenyl phenyl ether	ND	(0.723)	[1]	ND	(0.730)	[1]	ND	(0.282)
4-Chloro-3-methylphenol	ND	(0.601)	[1]	ND	(0.607)	[1]	ND	(0.373)
4-Chlorophenyl phenyl ether	ND	(0.863)	[1]	ND	(0.872)	[1]	ND	(0.442)
4-Methylphenol/3-Methylphenol	ND	(0.826)	[1]	ND	(0.834)	[1]	ND	(0.433)
4-Nitroaniline	ND	(0.553)	[1]	ND	(0.558)	[1]	ND	(0.609)
4-Nitrophenol	ND	(1.11)	[1]	ND	(1.12)	[1]	ND	(0.746)
Acenaphthene	ND	(0.643)	[1]	ND	(0.650)	[1]	ND	(0.592)

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-38

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

= Dilution Factor

() = Detection Limit

Compiled: 15 March 1995

A13-39

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									

SW8270 - Semivolatile Organics, cont. (ug/L)												
Naphthalene	ND	(0.796)	[1]	ND	(0.804)	[1]	72.8	(0.804)	[1]	ND	(0.705)	[1]
Nitrobenzene	ND	(0.809)	[1]	ND	(0.817)	[1]	ND	(0.817)	[1]	ND	(0.533)	[1]
Pentachloropheno]	ND	(0.623)	[1]	ND	(0.629)	[1]	ND	(0.629)	[1]	ND	(0.476)	[1]
Phenanthrene	ND	(0.610)	[1]	ND	(0.616)	[1]	ND	(0.616)	[1]	ND	(0.605)	[1]
Pheno]	ND	(0.680)	[1]	ND	(0.686)	[1]	32.0	(0.686)	[1]	ND	(0.421)	[1]
Pyrene	ND	(0.783)	[1]	ND	(0.790)	[1]	ND	(0.790)	[1]	ND	(0.782)	[1]
bis(2-Chloroethoxy)methane	ND	(0.647)	[1]	ND	(0.653)	[1]	ND	(0.653)	[1]	ND	(0.535)	[1]
bis(2-Chloroethyl)ether	ND	(0.644)	[1]	ND	(0.650)	[1]	ND	(0.650)	[1]	ND	(0.583)	[1]
bis(2-Chloroisopropyl)ether	ND	(1.07)	[1]	ND	(1.08)	[1]	ND	(1.08)	[1]	ND	(0.544)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.808)	[1]	ND	(0.816)	[1]	ND	(0.816)	[1]	1.51	(0.944)	[1]
p-Chloroaniline	ND	(0.971)	[1]	ND	(0.981)	[1]	ND	(0.981)	[1]	ND	(0.880)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-40

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

* - Value considered suspect, Refer to QC Report A13-41

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID															
	LOCATION ID				SAMPLE ID				LOCATION ID				SAMPLE ID			
	06-MW-06				06-MW-07				09-MW-01				09-MW-02			
													8	8	8	8
													06-MW-06	06-MW-07	09-MW-01	09-MW-02
													G94-06-MW-06	G94-06-MW-07	G94-09-MW-01	G94-09-MW-02
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)																
alpha-BHC	0.0441	(	0.00285)	[1]	ND	(	0.00416)	[1]	ND	(	0.00278)	[1]	ND	(	0.00289)	[1]
beta-BHC	0.284	(	0.00403)	[1]	ND	(	0.00329)	[1]	ND	(	0.00393)	[1]	ND	(	0.00409)	[1]
delta-BHC	ND	(	0.00232)	[1]	ND	(	0.00212)	[1]	ND	(	0.00227)	[1]	ND	(	0.00236)	[1]
gamma-BHC	0.111	(	0.00178)	[1]	ND	(	0.00380)	[1]	0.0102	(	0.00173)	[1]	0.00700	(	0.00180)	[1]

SW8260 - Volatile Organic Compounds (ug/L)																
1,1,1,2-Tetrachloroethane	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]	ND	(	0.0851)	[1]
1,1,1-Trichloroethane	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]	ND	(	0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
1,1,2-Trichloroethane	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]
1,1-Dichloroethane	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]	0.210	(	0.0886)	[1]
1,1-Dichloroethene	ND	(	0.0806)	[1]	ND	(	0.0806)	[1]	0.0700 J	(	0.0806)	[1]	ND	(	0.0806)	[1]
1,2,3-Trichloropropane	ND	(	0.233)	[1]	ND	(	0.233)	[1]	ND	(	0.233)	[1]	ND	(	0.233)	[1]
1,2-Dichlorobenzene	ND	(	0.354)	[1]	ND	(	0.354)	[1]	ND	(	0.354)	[1]	ND	(	0.354)	[1]
1,2-Dichloroethane	0.990	(	0.0791)	[1]	1.18	(	0.0791)	[1]	ND	(	0.0791)	[1]	ND	(	0.0791)	[1]
1,2-Dichloropropane	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]
1,3-Dichlorobenzene	ND	(	0.391)	[1]	ND	(	0.391)	[1]	ND	(	0.391)	[1]	ND	(	0.391)	[1]
1,4-Dichlorobenzene	ND	(	0.423)	[1]	ND	(	0.423)	[1]	ND	(	0.423)	[1]	ND	(	0.423)	[1]
1-Chlorohexane	ND	(	0.154)	[1]	ND	(	0.154)	[1]	ND	(	0.154)	[1]	ND	(	0.154)	[1]
2-Butanone(MEK)	2.68 F	(	0.890)	[1]	ND	(	0.890)	[1]	ND	(	0.890)	[1]	ND	(	0.890)	[1]
2-Chloroethyl vinyl ether	ND	(	0.124)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]
2-Hexanone	ND	(	0.766)	[1]	ND	(	0.766)	[1]	ND	(	0.766)	[1]	ND	(	0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	5.57	(	0.501)	[1]	ND	(	0.501)	[1]	ND	(	0.501)	[1]	ND	(	0.501)	[1]
Acetone	13.4 F	(	2.09)	[1]	4.62 B	(	2.09)	[1]	3.57 B	(	2.09)	[1]	2.54 B	(	2.09)	[1]
Benzene	ND	(	0.0307)	[1]	0.0900 B	(	0.0307)	[1]	114	(	0.0614)	[2]	24.2	(	0.0307)	[1]
Bromobenzene	ND	(	0.165)	[1]	ND	(	0.165)	[1]	ND	(	0.165)	[1]	ND	(	0.165)	[1]
Bromodichloromethane	ND	(	0.0536)	[1]	ND	(	0.0536)	[1]	ND	(	0.0536)	[1]	ND	(	0.0536)	[1]
Bromoform	ND	(	0.108)	[1]	ND	(	0.108)	[1]	ND	(	0.108)	[1]	ND	(	0.108)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-42

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8				8			
	LOCATION ID				06-MW-06				06-MW-07				09-MW-01			
	SAMPLE ID				G94-06-MW-06				G94-06-MW-07				G94-09-MW-01			
SW8260 - Volatile Organic Compounds, cont. (ug/L)																
Bromomethane	ND	(	0.0968	[1]	ND	(	0.0968	[1]	ND	(	0.0968	[1]	ND	(	0.0968	[1]
Carbon disulfide	ND	(	0.161	[1]	ND	(	0.161	[1]	ND	(	0.161	[1]	ND	(	0.161	[1]
Carbon tetrachloride	ND	(	0.117	[1]	ND	(	0.117	[1]	ND	(	0.117	[1]	ND	(	0.117	[1]
Chlorobenzene	ND	(	0.112	[1]	ND	(	0.112	[1]	ND	(	0.112	[1]	ND	(	0.112	[1]
Chloroethane	ND	(	0.0972	[1]	ND	(	0.0972	[1]	ND	(	0.0972	[1]	ND	(	0.0972	[1]
Chloroform	ND	(	0.0363	[1]	ND	(	0.0363	[1]	ND	(	0.0363	[1]	ND	(	0.0363	[1]
Chloromethane	0.330 F	(	0.155	[1]	0.530	(	0.155	[1]	ND	(	0.155	[1]	ND	(	0.155	[1]
Dibromochloromethane	ND	(	0.0283	[1]	ND	(	0.0283	[1]	ND	(	0.0283	[1]	ND	(	0.0283	[1]
Dibromomethane	ND	(	0.0598	[1]	0.190	(	0.0598	[1]	ND	(	0.0598	[1]	ND	(	0.0598	[1]
Ethyl benzene	0.0600 J	(	0.110	[1]	ND	(	0.110	[1]	13.1	(	0.110	[1]	0.0500 J	(	0.110	[1]
Meta-&Para-Xylene	0.220 J	(	0.365	[1]	ND	(	0.365	[1]	3.46	(	0.365	[1]	ND	(	0.365	[1]
Methylene Chloride	0.220 B	(	0.151	[1]	0.250 B	(	0.151	[1]	0.160 B	(	0.151	[1]	0.170 B	(	0.151	[1]
Ortho-Xylene	0.0800 J	(	0.124	[1]	ND	(	0.124	[1]	0.620	(	0.124	[1]	ND	(	0.124	[1]
Styrene	ND	(	0.113	[1]	ND	(	0.113	[1]	ND	(	0.113	[1]	ND	(	0.113	[1]
Tetrachloroethene	0.330	(	0.209	[1]	ND	(	0.209	[1]	ND	(	0.209	[1]	ND	(	0.209	[1]
Toluene	0.260	(	0.0336	[1]	0.0400	(	0.0336	[1]	0.240	(	0.0336	[1]	0.0600	(	0.0336	[1]
Trichloroethene	0.650	(	0.0439	[1]	ND	(	0.0439	[1]	0.540	(	0.0439	[1]	0.180	(	0.0439	[1]
Trichlorofluoromethane	0.100	(	0.0943	[1]	ND	(	0.0943	[1]	ND	(	0.0943	[1]	ND	(	0.0943	[1]
Vinyl Chloride	ND	(	0.0992	[1]	ND	(	0.0992	[1]	0.130	(	0.0992	[1]	ND	(	0.0992	[1]
Vinyl acetate	ND	(	0.127	[1]	ND	(	0.127	[1]	ND	(	0.127	[1]	ND	(	0.127	[1]
cis-1,2-Dichloroethene	ND	(	0.0785	[1]	ND	(	0.0785	[1]	28.0	(	0.0785	[1]	7.08	(	0.0785	[1]
cis-1,3-Dichloropropene	ND	(	0.0758	[1]	ND	(	0.0758	[1]	ND	(	0.0758	[1]	ND	(	0.0758	[1]
trans-1,2-Dichloroethene	ND	(	0.131	[1]	ND	(	0.131	[1]	3.32	(	0.131	[1]	0.230	(	0.131	[1]
trans-1,3-Dichloropropene	ND	(	0.0829	[1]	ND	(	0.0829	[1]	ND	(	0.0829	[1]	ND	(	0.0829	[1]
SW8270 - Semivolatile Organics (ug/L)																
1,2,4-Trichlorobenzene	ND	(	0.488	[1]	ND	(	0.608	[1]	ND	(	0.493	[1]	ND	(	0.488	[1]
1,2-Dichlorobenzene	ND	(	0.592	[1]	ND	(	0.664	[1]	ND	(	0.598	[1]	ND	(	0.592	[1]

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

* - Value considered suspect, Refer to QC Report

A13-43

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	06-MW-06		06-MW-07		09-MW-01		09-MW-02		09-MW-01		09-MW-02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	G94-06-MW-06		G94-06-MW-07		G94-09-MW-01		G94-09-MW-02		G94-09-MW-01		G94-09-MW-02	
SW8270 - Semi-volatile Organics, cont. (ug/L)												
1,3-Dichlorobenzene	ND	(0.397)	ND	(0.717)	[1]	ND	ND	(0.401)	[1]	ND	ND	(0.397)
1,4-Dichlorobenzene	ND	(1.56)	ND	(1.32)	[1]	ND	ND	(1.57)	[1]	ND	ND	(1.56)
2,4,5-Trichlorophenol	ND	(0.317)	ND	(0.449)	[1]	ND	ND	(0.320)	[1]	ND	ND	(0.317)
2,4,6-Trichlorophenol	ND	(0.377)	ND	(0.425)	[1]	ND	ND	(0.381)	[1]	ND	ND	(0.377)
2,4-Dichlorophenol	ND	(0.396)	ND	(0.661)	[1]	ND	ND	(0.400)	[1]	ND	ND	(0.396)
2,4-Dimethylphenol	ND	(0.645)	ND	(0.613)	[1]	ND	ND	(0.651)	[1]	ND	ND	(0.645)
2,4-Dinitrophenol	ND	(1.19)	ND	(1.80)	[1]	ND	ND	(1.20)	[1]	ND	ND	(1.19)
2,4-Dinitrotoluene	ND	(0.311)	ND	(0.733)	[1]	ND	ND	(0.314)	[1]	ND	ND	(0.311)
2,6-Dinitrotoluene	ND	(0.606)	ND	(0.709)	[1]	ND	ND	(0.612)	[1]	ND	ND	(0.606)
2-Chloronaphthalene	ND	(0.781)	ND	(0.908)	[1]	ND	ND	(0.789)	[1]	ND	ND	(0.781)
2-Chlorophenol	ND	(0.526)	ND	(0.601)	[1]	ND	ND	(0.532)	[1]	ND	ND	(0.526)
2-Methylnaphthalene	ND	(0.795)	ND	(1.10)	[1]	ND	ND	(0.803)	[1]	ND	ND	(0.795)
2-Methylphenol	ND	(0.468)	ND	(0.542)	[1]	ND	ND	(0.472)	[1]	ND	ND	(0.468)
2-Nitroaniline	ND	(0.505)	ND	(0.706)	[1]	ND	ND	(0.510)	[1]	ND	ND	(0.505)
2-Nitrophenol	ND	(0.758)	ND	(1.02)	[1]	ND	ND	(0.765)	[1]	ND	ND	(0.758)
3,3'-Dichlorobenzidine	ND	(3.63)	ND	(0.675)	[1]	ND	ND	(3.66)	[1]	ND	ND	(3.63)
3-Nitroaniline	ND	(0.501)	ND	(0.843)	[1]	ND	ND	(0.506)	[1]	ND	ND	(0.501)
4,6-Dinitro-2-methylphenol	ND	(2.83)	ND	(0.431)	[1]	ND	ND	(2.86)	[1]	ND	ND	(2.83)
4-Bromophenyl phenyl ether	ND	(0.282)	ND	(0.709)	[1]	ND	ND	(0.285)	[1]	ND	ND	(0.282)
4-Chloro-3-methylphenol	ND	(0.373)	ND	(0.590)	[1]	ND	ND	(0.376)	[1]	ND	ND	(0.373)
4-Chlorophenyl phenyl ether	ND	(0.442)	ND	(0.847)	[1]	ND	ND	(0.447)	[1]	ND	ND	(0.442)
4-Methylphenol/3-Methylphenol	ND	(0.433)	ND	(0.810)	[1]	ND	ND	(0.438)	[1]	ND	ND	(0.433)
4-Nitroaniline	ND	(0.609)	ND	(0.542)	[1]	ND	ND	(0.615)	[1]	ND	ND	(0.609)
4-Nitrophenol	ND	(0.746)	ND	(1.08)	[1]	ND	ND	(0.753)	[1]	ND	ND	(0.746)
Acenaphthene	ND	(0.592)	ND	(0.631)	[1]	ND	ND	(0.598)	[1]	ND	ND	(0.592)
Acenaphthylene	ND	(0.604)	ND	(0.430)	[1]	ND	ND	(0.610)	[1]	ND	ND	(0.604)
Anthracene	ND	(0.651)	ND	(0.434)	[1]	ND	ND	(0.657)	[1]	ND	ND	(0.651)
Benzo(a)anthracene	ND	(0.714)	ND	(0.482)	[1]	ND	ND	(0.721)	[1]	ND	ND	(0.714)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-44

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	06-MW-06		06-MW-07		09-MW-01		09-MW-02		09-MW-01		09-MW-02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)												
Benzo(a)pyrene	ND	(0.648)	ND	(0.643)	ND	(0.654)	ND	(0.643)	ND	(0.654)	ND	(0.648)
Benzo(b)fluoranthene	ND	(0.636)	ND	(0.725)	ND	(0.643)	ND	(0.643)	ND	(0.643)	ND	(0.636)
Benzo(g,h,i)perylene	ND	(0.688)	ND	(0.645)	ND	(0.695)	ND	(0.695)	ND	(0.695)	ND	(0.688)
Benzo(k)fluoranthene	ND	(0.926)	ND	(1.05)	ND	(0.936)	ND	(0.936)	ND	(0.936)	ND	(0.926)
Benzoic acid	ND	(5.91)	ND	(2.93)	ND	(5.97)	ND	(5.97)	ND	(5.97)	ND	(5.91)
Benzo(l)alcohol	ND	(0.420)	ND	(0.658)	ND	(0.424)	ND	(0.424)	ND	(0.424)	ND	(0.420)
Butylbenzylphthalate	ND	(0.465)	ND	(0.845)	ND	(0.469)	ND	(0.469)	ND	(0.469)	ND	(0.465)
Chrysene	ND	(0.723)	ND	(0.583)	ND	(0.730)	ND	(0.730)	ND	(0.730)	ND	(0.723)
Di-n-octylphthalate	ND	(0.633)	ND	(0.635)	ND	(0.640)	ND	(0.640)	ND	(0.640)	ND	(0.633)
Dibenz(a,h)anthracene	ND	(0.794)	ND	(0.688)	ND	(0.802)	ND	(0.802)	ND	(0.802)	ND	(0.794)
Dibenzofuran	ND	(0.596)	ND	(0.505)	ND	(0.602)	ND	(0.602)	ND	(0.602)	ND	(0.596)
Diethylphthalate	ND	(0.466)	ND	(0.324)	ND	(0.470)	ND	(0.470)	ND	(0.470)	ND	(0.466)
Diethylphthalate	ND	(0.636)	ND	(0.280)	ND	(0.643)	ND	(0.643)	ND	(0.643)	ND	(0.636)
Dimethylphthalate	ND	(0.397)	ND	(0.419)	ND	(0.401)	ND	(0.401)	ND	(0.401)	ND	(0.397)
Diphenylamine	ND	(0.636)	ND	(0.621)	ND	(0.643)	ND	(0.643)	ND	(0.643)	ND	(0.636)
Fluoranthene	ND	(0.659)	ND	(0.647)	ND	(0.665)	ND	(0.665)	ND	(0.665)	ND	(0.659)
Fluorene	ND	(0.696)	ND	(0.599)	ND	(0.703)	ND	(0.703)	ND	(0.703)	ND	(0.696)
Hexachlorobenzene	ND	(0.526)	ND	(1.42)	ND	(0.532)	ND	(0.532)	ND	(0.532)	ND	(0.526)
Hexachlorobutadiene	ND	(0.700)	ND	(0.927)	ND	(0.707)	ND	(0.707)	ND	(0.707)	ND	(0.700)
Hexachlorocyclopentadiene	ND	(1.94)	ND	(0.802)	ND	(1.96)	ND	(1.96)	ND	(1.96)	ND	(1.94)
Hexachloroethane	ND	(1.75)	ND	(5.25)	ND	(1.77)	ND	(1.77)	ND	(1.77)	ND	(1.75)
Indeno(1,2,3-cd)pyrene	ND	(0.748)	ND	(0.504)	ND	(0.755)	ND	(0.755)	ND	(0.755)	ND	(0.748)
Isophorone	ND	(0.333)	ND	(0.517)	ND	(0.337)	ND	(0.337)	ND	(0.337)	ND	(0.333)
N-Nitroso-di-n-propylamine	ND	(0.556)	ND	(0.758)	ND	(0.561)	ND	(0.561)	ND	(0.561)	ND	(0.556)
Naphthalene	ND	(0.705)	ND	(0.781)	0.512 J	(0.712)	ND	(0.712)	ND	(0.712)	ND	(0.705)
Nitrobenzene	ND	(0.533)	ND	(0.793)	ND	(0.539)	ND	(0.539)	ND	(0.539)	ND	(0.533)
Pentachlorophenol	ND	(0.476)	ND	(0.611)	ND	(0.481)	ND	(0.481)	ND	(0.481)	ND	(0.476)
Phenanthrene	ND	(0.605)	ND	(0.598)	ND	(0.611)	ND	(0.611)	ND	(0.611)	ND	(0.605)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-45

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	8			
	06-MW-06	06-MW-07	09-MW-01	09-MW-02
	G94-06-MW-06	G94-06-MW-07	G94-09-MW-01	G94-09-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)				
Phenol	ND	ND	ND	ND
Pyrene	(0.421)	(0.667)	(0.425)	(0.421)
bis(2-Chloroethoxy)methane	(0.782)	(0.768)	(0.790)	(0.782)
bis(2-Chloroethyl)ether	(0.535)	(0.635)	(0.541)	(0.535)
bis(2-Chloroisopropyl)ether	(0.583)	(0.632)	(0.589)	(0.583)
bis(2-Ethylhexyl)phthalate	(0.544)	(1.05)	(0.550)	(0.544)
p-Chloroaniline	(0.944)	(0.792)	(0.953)	(0.944)
	(0.880)	(0.953)	(0.889)	(0.880)
				1.17

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-46

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				8			
	09-MW-03		09-MW-04		09-MW-05		09-MW-05		09-MW-05		09-MW-05	
	G94-09-MW-03		G94-09-MW-04		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05	
AK101 - Gasoline Range Organics (ug/L)	0.00	JB (50.0)	[1]	41.0	J (50.0)	[1]	13.0	J (50.0)	[1]	10.0	J (50.0)	[1]
Gasoline Range Organics	0.00	JB (100)	[1]	0.00	JB (100)	[1]	12.0	JB (100)	[1]	10.0	JB (100)	[1]
AK102 - Diesel Range Organics (ug/L)	0.00	JB (100)	[1]	0.00	JB (100)	[1]	0.00160	KJ (0.0100)	[1]	0.00230	J (0.00632)	[1]
Diesel Range Organics	0.00	JB (100)	[1]	0.00150	KJ (0.00616)	[1]	0.00160	KJ (0.00758)	[1]	0.00100	KJ (0.00651)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	0.00710	KJ (0.00964)	[1]	0.00560	KJ (0.00922)	[1]	0.00560	KJ (0.00922)	[1]	0.00100	KJ (0.00190)	[1]
4,4'-DDD	ND	(0.00308)	[1]	ND	(0.00295)	[1]	ND	(0.00299)	[1]	ND	(0.0157)	[1]
4,4'-DDE	ND	(0.00354)	[1]	ND	(0.00339)	[1]	ND	(0.00344)	[1]	ND	(0.00348)	[1]
4,4'-DDT	ND	(0.00378)	[1]	ND	(0.00361)	[1]	0.00620	(0.00367)	[1]	ND	(0.00370)	[1]
Aldrin	ND	(0.00246)	[1]	ND	(0.00405)	[1]	ND	(0.00411)	[1]	0.00790	(0.00415)	[1]
Chlordane	ND	(0.0205)	[1]	ND	(0.0196)	[1]	ND	(0.0199)	[1]	ND	(0.0201)	[1]
Dieldrin	ND	(0.00289)	[1]	ND	(0.00276)	[1]	ND	(0.00280)	[1]	ND	(0.00411)	[1]
Endosulfan I	ND	(0.00221)	[1]	ND	(0.00212)	[1]	ND	(0.00215)	[1]	ND	(0.00217)	[1]
Endosulfan II	ND	(0.00388)	[1]	ND	(0.00371)	[1]	ND	(0.00376)	[1]	ND	(0.00380)	[1]
Endosulfan Sulfate	0.00350	KJ (0.0103)	[1]	ND	(0.00490)	[1]	0.00160	KJ (0.0100)	[1]	ND	(0.00502)	[1]
Endrin	ND	(0.00781)	[1]	ND	(0.00747)	[1]	ND	(0.00758)	[1]	ND	(0.00765)	[1]
Endrin Aldehyde	ND	(0.00644)	[1]	0.00150	KJ (0.00616)	[1]	ND	(0.00625)	[1]	0.00230	J (0.00632)	[1]
Heptachlor	ND	(0.00558)	[1]	ND	(0.00534)	[1]	ND	(0.00542)	[1]	0.00100	KJ (0.00651)	[1]
Heptachlor epoxide	0.00710	KJ (0.00964)	[1]	0.00560	KJ (0.00922)	[1]	ND	(0.00188)	[1]	ND	(0.00190)	[1]
Methoxychlor	ND	(0.0407)	[1]	ND	(0.0389)	[1]	ND	(0.0395)	[1]	ND	(0.0399)	[1]
PCB-1016	ND	(0.0330)	[1]	ND	(0.0316)	[1]	ND	(0.0321)	[1]	ND	(0.0324)	[1]
PCB-1221	ND	(0.0297)	[1]	ND	(0.0284)	[1]	ND	(0.0288)	[1]	ND	(0.0291)	[1]
PCB-1232	ND	(0.0750)	[1]	ND	(0.0718)	[1]	ND	(0.0728)	[1]	ND	(0.0736)	[1]
PCB-1242	ND	(0.0275)	[1]	ND	(0.0263)	[1]	ND	(0.0267)	[1]	ND	(0.0269)	[1]
PCB-1248	ND	(0.0325)	[1]	ND	(0.0311)	[1]	ND	(0.0316)	[1]	ND	(0.0319)	[1]
PCB-1254	ND	(0.0130)	[1]	ND	(0.0125)	[1]	ND	(0.0126)	[1]	ND	(0.0128)	[1]
PCB-1260	ND	(0.0362)	[1]	ND	(0.0346)	[1]	ND	(0.0351)	[1]	ND	(0.0354)	[1]

Compiled: 15 March 1995

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NA = Not Applicable

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A13-47

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	09-MW-03		09-MW-04		09-MW-05		09-MW-05		09-MW-05		09-MW-05	
	G94-09-MW-03		G94-09-MW-04		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
Toxaphene	ND	(0.0581)	[1]	ND	(0.0556)	[1]	ND	(0.0564)	[1]	ND	(0.0569)	[1]
alpha-BHC	ND	(0.00295)	[1]	ND	(0.00282)	[1]	ND	(0.00286)	[1]	ND	(0.00289)	[1]
beta-BHC	ND	(0.00417)	[1]	ND	(0.00399)	[1]	ND	(0.00405)	[1]	ND	(0.00409)	[1]
delta-BHC	ND	(0.00240)	[1]	ND	(0.00230)	[1]	ND	(0.00233)	[1]	ND	(0.00236)	[1]
gamma-BHC	ND	(0.00173)	[1]	ND	(0.00176)	[1]	0.00670	(0.00178)	[1]	0.0127	(0.00180)	[1]
SW8260 - Volatile Organic Compounds (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1-Dichloroethane	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]
1,2-Dichloroethane	ND	(0.0791)	[1]	0.110	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]
2-Butanone (MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]
4-Methyl-2-Pentanone (MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]
Acetone	5.75	(2.09)	[1]	6.14	(2.09)	[1]	2.60 B	(2.09)	[1]	3.10 B	(2.09)	[1]
Benzene	0.0700 B	(0.0307)	[1]	16.6	(0.0307)	[1]	0.630	(0.0307)	[1]	0.660	(0.0307)	[1]
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-48

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
SW8260 - Volatile Organic Compounds, cont. (ug/L)	8		8	
	09-MW-03 G94-09-MW-03	09-MW-04 G94-09-MW-04	09-MW-05 G94-09-MW-05	09-MW-05 G94-09-MW-05 Dup of G94-09-MW-05
Bromodichloromethane	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]
Bromoform	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]	ND (0.0363) [1]
Chloromethane	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]
Dibromomethane	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]
Ethyl benzene	ND (0.110) [1]	ND (0.110) [1]	0.220 (0.0598) [1]	0.200 (0.0598) [1]
Meta-&Para-Xylene	ND (0.365) [1]	0.120 J (0.365) [1]	0.0800 J (0.110) [1]	0.0600 J (0.110) [1]
Methylene Chloride	0.370 B (0.151) [1]	0.400 B (0.151) [1]	0.0700 J (0.365) [1]	0.0600 J (0.365) [1]
Ortho-Xylene	ND (0.124) [1]	ND (0.124) [1]	0.360 B (0.151) [1]	0.330 B (0.151) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	ND (0.124) [1]	ND (0.124) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	ND (0.113) [1]	ND (0.113) [1]
Toluene	0.0400 (0.0336) [1]	0.0300 JB (0.0336) [1]	ND (0.209) [1]	ND (0.209) [1]
Trichloroethene	ND (0.0439) [1]	ND (0.0439) [1]	0.0400 (0.0336) [1]	ND (0.0336) [1]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	ND (0.0439) [1]	ND (0.0439) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0943) [1]	ND (0.0943) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	ND (0.0992) [1]	ND (0.0992) [1]
cis-1,2-Dichloroethene	0.0800 (0.0785) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0785) [1]	ND (0.0785) [1]	ND (0.0785) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.131) [1]	ND (0.131) [1]	ND (0.131) [1]
		ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-49

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8			
	LOCATION ID		LOCATION ID		8		8		8		8	
	SAMPLE ID		SAMPLE ID		09-MW-03		09-MW-04		09-MW-05		09-MW-05	
	G94-09-MW-03		G94-09-MW-04		G94-09-MW-03		G94-09-MW-04		G94-09-MW-05		G94-09-MW-05	
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.498)	[1]	ND	(0.632)	[1]	ND	(0.498)	[1]	ND	(0.488)	[1]
1,2-Dichlorobenzene	ND	(0.604)	[1]	ND	(0.690)	[1]	ND	(0.604)	[1]	ND	(0.592)	[1]
1,3-Dichlorobenzene	ND	(0.405)	[1]	ND	(0.745)	[1]	ND	(0.405)	[1]	ND	(0.397)	[1]
1,4-Dichlorobenzene	ND	(1.59)	[1]	ND	(1.37)	[1]	ND	(1.59)	[1]	ND	(1.56)	[1]
2,4,5-Trichlorophenol	ND	(0.323)	[1]	ND	(0.467)	[1]	ND	(0.323)	[1]	ND	(0.317)	[1]
2,4,6-Trichlorophenol	ND	(0.385)	[1]	ND	(0.441)	[1]	ND	(0.385)	[1]	ND	(0.377)	[1]
2,4-Dichlorophenol	ND	(0.404)	[1]	ND	(0.687)	[1]	ND	(0.404)	[1]	ND	(0.396)	[1]
2,4-Dimethylphenol	ND	(0.658)	[1]	ND	(0.637)	[1]	ND	(0.658)	[1]	ND	(0.645)	[1]
2,4-Dinitrophenol	ND	(1.21)	[1]	ND	(1.87)	[1]	ND	(1.21)	[1]	ND	(1.19)	[1]
2,4-Dinitrotoluene	ND	(0.317)	[1]	ND	(0.762)	[1]	ND	(0.317)	[1]	ND	(0.311)	[1]
2,6-Dinitrotoluene	ND	(0.618)	[1]	ND	(0.737)	[1]	ND	(0.618)	[1]	ND	(0.606)	[1]
2-Chloronaphthalene	ND	(0.797)	[1]	ND	(0.943)	[1]	ND	(0.797)	[1]	ND	(0.781)	[1]
2-Chlorophenol	ND	(0.537)	[1]	ND	(0.625)	[1]	ND	(0.537)	[1]	ND	(0.526)	[1]
2-Methylnaphthalene	ND	(0.811)	[1]	ND	(1.15)	[1]	ND	(0.811)	[1]	0.348 J	(0.795)	[1]
2-Methylphenol	ND	(0.477)	[1]	ND	(0.564)	[1]	ND	(0.477)	[1]	ND	(0.468)	[1]
2-Nitroaniline	ND	(0.515)	[1]	ND	(0.733)	[1]	ND	(0.515)	[1]	ND	(0.505)	[1]
2-Nitrophenol	ND	(0.773)	[1]	ND	(1.06)	[1]	ND	(0.773)	[1]	ND	(0.758)	[1]
3,3'-Dichlorobenzidine	ND	(3.70)	[1]	ND	(0.702)	[1]	ND	(3.70)	[1]	ND	(3.63)	[1]
3-Nitroaniline	ND	(0.511)	[1]	ND	(0.876)	[1]	ND	(0.511)	[1]	ND	(0.501)	[1]
4,6-Dinitro-2-methylphenol	ND	(2.89)	[1]	ND	(0.448)	[1]	ND	(2.89)	[1]	ND	(2.83)	[1]
4-Bromophenyl phenyl ether	ND	(0.288)	[1]	ND	(0.737)	[1]	ND	(0.288)	[1]	ND	(0.282)	[1]
4-Chloro-3-methylphenol	ND	(0.380)	[1]	ND	(0.613)	[1]	ND	(0.380)	[1]	ND	(0.373)	[1]
4-Chlorophenyl phenyl ether	ND	(0.451)	[1]	ND	(0.880)	[1]	ND	(0.451)	[1]	ND	(0.442)	[1]
4-Methylphenol/3-Methylphenol	ND	(0.442)	[1]	ND	(0.842)	[1]	ND	(0.442)	[1]	ND	(0.433)	[1]
4-Nitroaniline	ND	(0.621)	[1]	ND	(0.564)	[1]	ND	(0.621)	[1]	ND	(0.609)	[1]
4-Nitrophenol	ND	(0.761)	[1]	ND	(1.13)	[1]	ND	(0.761)	[1]	ND	(0.746)	[1]
Acenaphthene	ND	(0.604)	[1]	ND	(0.656)	[1]	ND	(0.604)	[1]	ND	(0.592)	[1]

Compiled: 15 March 1995

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A13-50

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8				8			
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	09-MW-03		09-MW-04		09-MW-05		09-MW-05		09-MW-05		09-MW-05		09-MW-05		09-MW-05	
	G94-09-MW-03		G94-09-MW-04		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05		G94-09-MW-05	
SW8270 - Semivolatile Organics, cont. (ug/L)																
Acenaphthylene	ND	(0.616)	[1]	ND	(0.447)	[1]	ND	(0.616)	[1]	ND	(0.604)	[1]	ND	(0.651)	[1]	ND
Anthracene	ND	(0.664)	[1]	ND	(0.451)	[1]	ND	(0.664)	[1]	ND	(0.714)	[1]	ND	(0.648)	[1]	ND
Benzo(a)anthracene	ND	(0.728)	[1]	ND	(0.501)	[1]	ND	(0.728)	[1]	ND	(0.688)	[1]	ND	(0.926)	[1]	ND
Benzo(a)pyrene	ND	(0.661)	[1]	ND	(0.669)	[1]	ND	(0.661)	[1]	ND	(5.91)	[1]	ND	(0.420)	[1]	ND
Benzo(b)fluoranthene	ND	(0.649)	[1]	ND	(0.753)	[1]	ND	(0.649)	[1]	ND	(0.465)	[1]	ND	(0.723)	[1]	ND
Benzo(g,h,i)perylene	ND	(0.702)	[1]	ND	(0.671)	[1]	ND	(0.702)	[1]	ND	(0.794)	[1]	ND	(0.633)	[1]	ND
Benzo(k)fluoranthene	ND	(0.945)	[1]	ND	(1.09)	[1]	ND	(0.945)	[1]	ND	(0.596)	[1]	ND	(0.636)	[1]	ND
Benzoic acid	ND	(6.03)	[1]	ND	(3.05)	[1]	ND	(6.03)	[1]	ND	(0.397)	[1]	ND	(0.636)	[1]	ND
Benzyl alcohol	ND	(0.428)	[1]	ND	(0.684)	[1]	ND	(0.428)	[1]	ND	(0.466)	[1]	ND	(0.700)	[1]	ND
Butylbenzylphthalate	ND	(0.474)	[1]	ND	(0.878)	[1]	ND	(0.474)	[1]	ND	(1.94)	[1]	ND	(1.75)	[1]	ND
Chrysene	ND	(0.737)	[1]	ND	(0.606)	[1]	ND	(0.737)	[1]	ND	(0.748)	[1]	ND	(0.333)	[1]	ND
Di-n-octylphthalate	ND	(0.646)	[1]	ND	(0.660)	[1]	ND	(0.646)	[1]	ND	(0.556)	[1]	ND	(0.466)	[1]	ND
Dibenz(a,h)anthracene	ND	(0.810)	[1]	ND	(0.715)	[1]	ND	(0.810)	[1]	ND	(0.633)	[1]	ND	(0.794)	[1]	ND
Dibenzofuran	ND	(0.608)	[1]	ND	(0.525)	[1]	ND	(0.608)	[1]	ND	(0.596)	[1]	ND	(0.466)	[1]	ND
Dibutylphthalate	ND	(0.475)	[1]	ND	(0.336)	[1]	ND	(0.475)	[1]	ND	(0.636)	[1]	ND	(0.397)	[1]	ND
Diethylphthalate	ND	(0.649)	[1]	ND	(0.291)	[1]	ND	(0.649)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Dimethylphthalate	ND	(0.405)	[1]	ND	(0.435)	[1]	ND	(0.405)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Diphenylamine	ND	(0.649)	[1]	ND	(0.645)	[1]	ND	(0.649)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Fluoranthene	ND	(0.672)	[1]	ND	(0.673)	[1]	ND	(0.672)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Fluorene	ND	(0.710)	[1]	ND	(0.623)	[1]	ND	(0.710)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Hexachlorobenzene	ND	(0.537)	[1]	ND	(1.48)	[1]	ND	(0.537)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Hexachlorobutadiene	ND	(0.714)	[1]	ND	(0.964)	[1]	ND	(0.714)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Hexachlorocyclopentadiene	ND	(1.98)	[1]	ND	(0.833)	[1]	ND	(1.98)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Hexachloroethane	ND	(1.79)	[1]	ND	(5.45)	[1]	ND	(1.79)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Indeno(1,2,3-cd)pyrene	ND	(0.763)	[1]	ND	(0.524)	[1]	ND	(0.763)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
Isophorone	ND	(0.340)	[1]	ND	(0.537)	[1]	ND	(0.340)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND
N-Nitroso-di-n-propylamine	ND	(0.567)	[1]	ND	(0.788)	[1]	ND	(0.567)	[1]	ND	(0.636)	[1]	ND	(0.636)	[1]	ND

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-51

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID									

SW8270 - Semivolatile Organics, cont. (ug/L)												
Naphthalene	ND	(0.719)	[1]	ND	(0.812)	[1]	ND	(0.719)	[1]	ND	(0.705)	[1]
Nitrobenzene	ND	(0.544)	[1]	ND	(0.825)	[1]	ND	(0.544)	[1]	ND	(0.533)	[1]
Pentachlorophenol	ND	(0.486)	[1]	ND	(0.635)	[1]	ND	(0.486)	[1]	ND	(0.476)	[1]
Phenanthrene	ND	(0.617)	[1]	ND	(0.622)	[1]	ND	(0.617)	[1]	ND	(0.605)	[1]
Phenol	ND	(0.429)	[1]	ND	(0.693)	[1]	ND	(0.429)	[1]	ND	(0.421)	[1]
Pyrene	ND	(0.798)	[1]	ND	(0.798)	[1]	ND	(0.798)	[1]	ND	(0.782)	[1]
bis(2-Chloroethoxy)methane	ND	(0.546)	[1]	ND	(0.660)	[1]	ND	(0.546)	[1]	ND	(0.535)	[1]
bis(2-Chloroethyl)ether	ND	(0.595)	[1]	ND	(0.657)	[1]	ND	(0.595)	[1]	ND	(0.583)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.555)	[1]	ND	(1.09)	[1]	ND	(0.555)	[1]	ND	(0.544)	[1]
bis(2-Ethylhexyl)phthalate	2.44	(0.963)	[1]	ND	(0.824)	[1]	ND	(0.963)	[1]	3.70	(0.944)	[1]
p-Chloroaniline	ND	(0.898)	[1]	ND	(0.990)	[1]	ND	(0.898)	[1]	ND	(0.880)	[1]

Compiled: 15 March 1995

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□ = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-52

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
	8		8		8		8		8	
	09-MW-06		09-MW-08		09-MW-12		09-MW-15		09-MW-15	
	694-09-MW-06		694-09-MW-08		694-09-MW-12		694-09-MW-15		694-09-MW-15	
AK101 - Gasoline Range Organics (ug/L)	250	(50.0)	[1]	30000	(50.0)	[1]	180000	(50.0)	[1]	27.0 J (50.0) [1]
Gasoline Range Organics										
AK102 - Diesel Range Organics (ug/L)	0.00 JB (100)	[1]	150000	(200)	[2]	910000	(5000)	[50]	0.00 JB (100) [1]	
Diesel Range Organics										
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND (0.00296)	[1]	0.0510	(0.0212)	[10]	0.552	(0.0225)	[10]	ND (0.00300)	[1]
4,4'-DDE	ND (0.00341)	[1]	0.0577	(0.0438)	[10]	0.0791	(0.0464)	[10]	ND (0.00346)	[1]
4,4'-DDT	0.0260 (0.00363)	[1]	ND	(0.0704)	[10]	ND	(0.0746)	[10]	ND (0.00368)	[1]
Aldrin	ND (0.00237)	[1]	ND	(0.0275)	[10]	0.00810 PJ	(0.0292)	[10]	0.00590 (0.00413)	[1]
Chlordane	ND (0.0197)	[1]	ND	(0.226)	[10]	ND	(0.240)	[10]	ND (0.0200)	[1]
Dieldrin	0.0137 (0.00278)	[1]	ND	(0.0380)	[10]	ND	(0.0403)	[10]	ND (0.00282)	[1]
Endosulfan I	ND (0.00213)	[1]	ND	(0.0858)	[10]	ND	(0.0910)	[10]	0.00170 KJ (0.00450)	[1]
Endosulfan II	ND (0.00373)	[1]	ND	(0.0358)	[10]	ND	(0.0380)	[10]	ND (0.00378)	[1]
Endosulfan Sulfate	0.00240 KJ (0.00990)	[1]	ND	(0.0513)	[10]	ND	(0.0544)	[10]	0.00790 KJ (0.0100)	[1]
Endrin	ND (0.00750)	[1]	ND	(0.0685)	[10]	ND	(0.0726)	[10]	ND (0.00762)	[1]
Endrin Aldehyde	ND (0.00619)	[1]	ND	(0.0377)	[10]	ND	(0.0400)	[10]	0.00200 KJ (0.00597)	[1]
Heptachlor	0.000500 PJ (0.00639)	[1]	ND	(0.0223)	[10]	ND	(0.0236)	[10]	ND (0.00545)	[1]
Heptachlor epoxide	0.0161 (0.00926)	[1]	ND	(0.0236)	[10]	ND	(0.0227)	[10]	0.00550 KJ (0.00940)	[1]
Methoxychlor	ND (0.0391)	[1]	ND	(0.516)	[10]	ND	(0.547)	[10]	ND (0.0397)	[1]
PCB-1016	ND (0.0317)	[1]	ND	(0.230)	[10]	ND	(0.244)	[10]	ND (0.0322)	[1]
PCB-1221	ND (0.0285)	[1]	ND	(0.219)	[10]	ND	(0.232)	[10]	ND (0.0290)	[1]
PCB-1232	ND (0.0721)	[1]	ND	(0.165)	[10]	ND	(0.175)	[10]	ND (0.0732)	[1]
PCB-1242	ND (0.0264)	[1]	ND	(1.13)	[10]	ND	(1.20)	[10]	ND (0.0268)	[1]
PCB-1248	ND (0.0313)	[1]	ND	(0.393)	[10]	ND	(0.417)	[10]	ND (0.0317)	[1]
PCB-1254	ND (0.0125)	[1]	ND	(0.291)	[10]	ND	(0.308)	[10]	ND (0.0127)	[1]
PCB-1260	ND (0.0348)	[1]	ND	(0.329)	[10]	ND	(0.349)	[10]	ND (0.0353)	[1]
Toxaphene	ND (0.0558)	[1]	ND	(0.403)	[10]	ND	(0.427)	[10]	ND (0.0566)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-53

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	8	8	8	8
	09-MW-06	09-MW-08	09-MW-12	09-MW-15
	G94-09-MW-06	G94-09-MW-08	G94-09-MW-12	G94-09-MW-15
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00283)	0.105 (0.0405)	ND (0.0295)	ND (0.00288)
beta-BHC	ND (0.00401)	ND (0.0320)	ND (0.0339)	ND (0.00407)
delta-BHC	ND (0.00231)	ND (0.0168)	ND (0.0218)	ND (0.000857)
gamma-BHC	0.00870 (0.00177)	ND (0.0127)	ND (0.0391)	ND (0.00179)
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	ND Z (25.5)	ND Z (8.51)	ND (0.0851)
1,1,1-Trichloroethane	ND (0.0992)	ND Z (29.8)	ND Z (9.92)	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	ND Z (51.0)	ND Z (17.0)	ND (0.170)
1,1,2-Trichloroethane	ND (0.0920)	ND Z (27.6)	ND Z (9.20)	ND (0.0920)
1,1-Dichloroethane	ND (0.0886)	ND Z (26.6)	ND Z (8.86)	ND (0.0886)
1,1-Dichloroethene	ND (0.0806)	ND Z (24.2)	ND Z (8.06)	ND (0.0806)
1,2,3-Trichloropropane	ND (0.233)	ND Z (69.9)	ND Z (23.3)	ND (0.233)
1,2-Dichlorobenzene	ND (0.354)	ND Z (106)	ND Z (35.4)	ND (0.354)
1,2-Dichloroethane	ND (0.0791)	ND Z (23.7)	ND Z (7.91)	ND (0.0791)
1,2-Dichloropropane	ND (0.0742)	ND Z (22.3)	ND Z (7.42)	ND (0.0742)
1,3-Dichlorobenzene	ND (0.391)	ND Z (117)	ND Z (39.1)	ND (0.391)
1,4-Dichlorobenzene	ND (0.423)	ND Z (127)	ND Z (42.3)	ND (0.423)
1-Chlorohexane	ND (0.154)	ND Z (46.2)	ND Z (15.4)	ND (0.154)
2-Butanone(MEK)	ND (0.890)	336 Z (267)	ND Z (89.0)	ND (0.890)
2-Chloroethyl vinyl ether	ND (0.124)	ND Z (37.2)	ND Z (12.4)	ND (0.124)
2-Hexanone	ND (0.766)	ND Z (230)	ND Z (76.6)	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	ND Z (150)	ND Z (50.1)	ND (0.501)
Acetone	4.74 B (2.09)	756 Z (627)	283 Z (209)	2.31 B (2.09)
Benzene	0.180 (0.0307)	273 Z (9.21)	3380 Z (3.07)	0.680 (0.0307)
Bromobenzene	ND (0.165)	ND Z (49.5)	ND Z (16.5)	ND (0.165)
Bromodichloromethane	ND (0.0536)	ND Z (16.1)	ND Z (5.36)	ND (0.0536)
Bromoform	ND (0.108)	ND Z (32.4)	ND Z (10.8)	ND (0.108)

Compiled: 15 March 1995

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A13-54

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	8				8				8			
	09-MW-06 G94-09-MW-06				09-MW-08 G94-09-MW-08				09-MW-12 G94-09-MW-12			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8260 - Volatile Organic Compounds, cont. (ug/L)												
Bromomethane	ND (0.0968)	[1]	ND Z (29.0)	[300]	ND Z (9.68)	[100]	ND (0.0968)	[1]	ND (0.0968)	[1]		
Carbon disulfide	ND (0.161)	[1]	ND Z (48.3)	[300]	ND Z (16.1)	[100]	ND (0.161)	[1]	ND (0.161)	[1]		
Carbon tetrachloride	ND (0.117)	[1]	ND Z (35.1)	[300]	ND Z (11.7)	[100]	ND (0.117)	[1]	ND (0.117)	[1]		
Chlorobenzene	ND (0.112)	[1]	ND Z (33.6)	[300]	ND Z (11.2)	[100]	ND (0.112)	[1]	ND (0.112)	[1]		
Chloroethane	ND (0.0972)	[1]	ND Z (29.2)	[300]	ND Z (9.72)	[100]	ND (0.0972)	[1]	ND (0.0972)	[1]		
Chloroform	ND (0.0363)	[1]	ND Z (10.9)	[300]	ND Z (3.63)	[100]	ND (0.0363)	[1]	ND (0.0363)	[1]		
Chloromethane	ND (0.155)	[1]	ND Z (46.5)	[300]	14.0 ZJ (15.5)	[100]	ND (0.155)	[1]	ND (0.155)	[1]		
Dibromochloromethane	ND (0.0283)	[1]	ND Z (8.49)	[300]	ND Z (2.83)	[100]	ND (0.0283)	[1]	ND (0.0283)	[1]		
Dibromomethane	ND (0.0598)	[1]	ND Z (17.9)	[300]	20.0 Z (5.98)	[100]	ND (0.0598)	[1]	ND (0.0598)	[1]		
Ethyl benzene	ND (0.110)	[1]	ND Z (33.0)	[300]	361 Z (11.0)	[100]	ND (0.110)	[1]	ND (0.110)	[1]		
Meta-&Para-Xylene	ND (0.365)	[1]	138 Z (110)	[300]	1320 Z (36.5)	[100]	ND (0.365)	[1]	ND (0.365)	[1]		
Methylene Chloride	0.310 B (0.151)	[1]	60.0 Z (45.3)	[300]	22.0 Z (15.1)	[100]	0.360 B (0.151)	[1]	0.360 B (0.151)	[1]		
Ortho-Xylene	ND (0.124)	[1]	48.0 Z (37.2)	[300]	631 Z (12.4)	[100]	ND (0.124)	[1]	ND (0.124)	[1]		
Styrene	ND (0.113)	[1]	ND Z (33.9)	[300]	ND Z (11.3)	[100]	ND (0.113)	[1]	ND (0.113)	[1]		
Tetrachloroethene	ND (0.209)	[1]	ND Z (62.7)	[300]	ND Z (20.9)	[100]	ND (0.209)	[1]	ND (0.209)	[1]		
Toluene	0.0400 (0.0336)	[1]	15.0 Z (10.1)	[300]	1290 Z (3.36)	[100]	0.0400 (0.0336)	[1]	0.0400 (0.0336)	[1]		
Trichloroethene	ND (0.0439)	[1]	ND Z (13.2)	[300]	ND Z (4.39)	[100]	ND (0.0439)	[1]	ND (0.0439)	[1]		
Trichlorofluoromethane	ND (0.0943)	[1]	ND Z (28.3)	[300]	ND Z (9.43)	[100]	ND (0.0943)	[1]	ND (0.0943)	[1]		
Vinyl Chloride	ND (0.0992)	[1]	ND Z (29.8)	[300]	ND Z (9.92)	[100]	ND (0.0992)	[1]	ND (0.0992)	[1]		
Vinyl acetate	ND (0.127)	[1]	ND Z (38.1)	[300]	ND Z (12.7)	[100]	ND (0.127)	[1]	ND (0.127)	[1]		
cis-1,2-Dichloroethene	ND (0.0785)	[1]	ND Z (23.6)	[300]	ND Z (7.85)	[100]	1.41 (0.0785)	[1]	1.41 (0.0785)	[1]		
cis-1,3-Dichloropropene	ND (0.0758)	[1]	ND Z (22.7)	[300]	ND Z (7.58)	[100]	ND (0.0758)	[1]	ND (0.0758)	[1]		
trans-1,2-Dichloroethene	ND (0.131)	[1]	ND Z (39.3)	[300]	ND Z (13.1)	[100]	ND (0.131)	[1]	ND (0.131)	[1]		
trans-1,3-Dichloropropene	ND (0.0829)	[1]	ND Z (24.9)	[300]	ND Z (8.29)	[100]	ND (0.0829)	[1]	ND (0.0829)	[1]		
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND (0.498)	[1]	ND (0.614)	[1]	ND (12.6)	[10]	ND (0.498)	[1]	ND (0.498)	[1]		
1,2-Dichlorobenzene	ND (0.604)	[1]	ND (0.670)	[1]	ND (13.7)	[10]	ND (0.604)	[1]	ND (0.586)	[1]		

Compiled: 15 March 1995

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* - Value considered suspect, Refer to QC Report

A13-55

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8				8				
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		
	09-MW-06		09-MW-08		09-MW-12		09-MW-15		09-MW-12		09-MW-15		09-MW-12		09-MW-15		
	G94-09-MW-06		G94-09-MW-08		G94-09-MW-12		G94-09-MW-15		G94-09-MW-12		G94-09-MW-15		G94-09-MW-12		G94-09-MW-15		
SW8270 - Semivolatile Organics, cont. (ug/L)																	
1,3-Dichlorobenzene	ND	(0.405)	[1]	ND	(0.724)	[1]	ND	(14.8)	[10]	ND	(0.393)	[1]	ND	(14.8)	[10]	ND	(0.393)
1,4-Dichlorobenzene	ND	(1.59)	[1]	ND	(1.33)	[1]	ND	(27.3)	[10]	ND	(1.54)	[1]	ND	(27.3)	[10]	ND	(1.54)
2,4,5-Trichlorophenol	ND	(0.323)	[1]	ND	(0.453)	[1]	ND	(9.29)	[10]	ND	(0.314)	[1]	ND	(9.29)	[10]	ND	(0.314)
2,4,6-Trichlorophenol	ND	(0.385)	[1]	ND	(0.429)	[1]	ND	(8.78)	[10]	ND	(0.374)	[1]	ND	(8.78)	[10]	ND	(0.374)
2,4-Dichlorophenol	ND	(0.404)	[1]	ND	(0.668)	[1]	ND	(13.7)	[10]	ND	(0.392)	[1]	ND	(13.7)	[10]	ND	(0.392)
2,4-Dimethylphenol	ND	(0.658)	[1]	ND	(0.619)	[1]	ND	(12.7)	[10]	ND	(0.639)	[1]	ND	(12.7)	[10]	ND	(0.639)
2,4-Dinitrophenol	ND	(1.21)	[1]	ND	(1.82)	[1]	ND	(37.3)	[10]	ND	(1.17)	[1]	ND	(37.3)	[10]	ND	(1.17)
2,4-Dinitrotoluene	ND	(0.317)	[1]	ND	(0.740)	[1]	ND	(15.2)	[10]	ND	(0.308)	[1]	ND	(15.2)	[10]	ND	(0.308)
2,6-Dinitrotoluene	ND	(0.618)	[1]	ND	(0.716)	[1]	ND	(14.7)	[10]	ND	(0.600)	[1]	ND	(14.7)	[10]	ND	(0.600)
2-Chloronaphthalene	ND	(0.797)	[1]	ND	(0.916)	[1]	ND	(18.8)	[10]	ND	(0.774)	[1]	ND	(18.8)	[10]	ND	(0.774)
2-Chlorophenol	ND	(0.537)	[1]	ND	(0.607)	[1]	ND	(12.4)	[10]	ND	(0.521)	[1]	ND	(12.4)	[10]	ND	(0.521)
2-Methylnaphthalene	ND	(0.811)	[1]	ND	(1.11)	[1]	4740	(31.6)	[20]	ND	(0.787)	[1]	ND	(31.6)	[20]	ND	(0.787)
2-Methylphenol	ND	(0.477)	[1]	ND	(0.548)	[1]	ND	(11.2)	[10]	ND	(0.463)	[1]	ND	(11.2)	[10]	ND	(0.463)
2-Nitroaniline	ND	(0.515)	[1]	ND	(0.712)	[1]	ND	(14.6)	[10]	ND	(0.500)	[1]	ND	(14.6)	[10]	ND	(0.500)
2-Nitrophenol	ND	(0.773)	[1]	ND	(1.03)	[1]	ND	(21.1)	[10]	ND	(0.750)	[1]	ND	(21.1)	[10]	ND	(0.750)
3,3'-Dichlorobenzidine	ND	(3.70)	[1]	ND	(0.682)	[1]	ND	(14.0)	[10]	ND	(3.59)	[1]	ND	(14.0)	[10]	ND	(3.59)
3-Nitroaniline	ND	(0.511)	[1]	ND	(0.851)	[1]	ND	(17.4)	[10]	ND	(0.496)	[1]	ND	(17.4)	[10]	ND	(0.496)
4,6-Dinitro-2-methylphenol	ND	(2.89)	[1]	ND	(0.435)	[1]	ND	(8.92)	[10]	ND	(2.81)	[1]	ND	(8.92)	[10]	ND	(2.81)
4-Bromophenyl phenyl ether	ND	(0.288)	[1]	ND	(0.716)	[1]	ND	(14.7)	[10]	ND	(0.280)	[1]	ND	(14.7)	[10]	ND	(0.280)
4-Chloro-3-methylphenol	ND	(0.380)	[1]	ND	(0.595)	[1]	ND	(12.2)	[10]	ND	(0.369)	[1]	ND	(12.2)	[10]	ND	(0.369)
4-Chlorophenyl phenyl ether	ND	(0.451)	[1]	ND	(0.855)	[1]	ND	(17.5)	[10]	ND	(0.438)	[1]	ND	(17.5)	[10]	ND	(0.438)
4-Methylphenol/3-Methylphenol	ND	(0.442)	[1]	ND	(0.818)	[1]	ND	(16.8)	[10]	ND	(0.429)	[1]	ND	(16.8)	[10]	ND	(0.429)
4-Nitroaniline	ND	(0.621)	[1]	ND	(0.548)	[1]	ND	(11.2)	[10]	ND	(0.603)	[1]	ND	(11.2)	[10]	ND	(0.603)
4-Nitrophenol	ND	(0.761)	[1]	ND	(1.10)	[1]	ND	(22.4)	[10]	ND	(0.739)	[1]	ND	(22.4)	[10]	ND	(0.739)
Acenaphthene	ND	(0.604)	[1]	4.92	(0.637)	[1]	39.6	(13.1)	[10]	ND	(0.586)	[1]	ND	(13.1)	[10]	ND	(0.586)
Acenaphthylene	ND	(0.616)	[1]	ND	(0.434)	[1]	ND	(8.90)	[10]	ND	(0.598)	[1]	ND	(8.90)	[10]	ND	(0.598)
Anthracene	ND	(0.664)	[1]	0.508	(0.438)	[1]	ND	(8.98)	[10]	ND	(0.645)	[1]	ND	(8.98)	[10]	ND	(0.645)
Benzo(a)anthracene	ND	(0.728)	[1]	ND	(0.487)	[1]	ND	(9.97)	[10]	ND	(0.707)	[1]	ND	(9.97)	[10]	ND	(0.707)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-56

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8				8			
	09-MW-06		09-MW-08		09-MW-12		09-MW-15		09-MW-12		09-MW-15	
	694-09-MW-06	694-09-MW-06	694-09-MW-08	694-09-MW-08	694-09-MW-12	694-09-MW-12	694-09-MW-15	694-09-MW-15	694-09-MW-12	694-09-MW-12	694-09-MW-15	694-09-MW-15
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)												
Benzo(a)pyrene	ND	(0.661)	[1]	ND	(0.650)	[1]	ND	(13.3)	[10]	ND	(0.642)	[1]
Benzo(b)fluoranthene	ND	(0.649)	[1]	ND	(0.731)	[1]	ND	(15.0)	[10]	ND	(0.630)	[1]
Benzo(g,h,i)perylene	ND	(0.702)	[1]	ND	(0.651)	[1]	ND	(13.3)	[10]	ND	(0.682)	[1]
Benzo(k)fluoranthene	ND	(0.945)	[1]	ND	(1.06)	[1]	ND	(21.7)	[10]	ND	(0.917)	[1]
Benzoic acid	ND	(6.03)	[1]	ND	(2.96)	[1]	ND	(60.7)	[10]	ND	(5.85)	[1]
Benzy1 alcohol	ND	(0.428)	[1]	ND	(0.665)	[1]	ND	(13.6)	[10]	ND	(0.416)	[1]
Butylbenzylphthalate	ND	(0.474)	[1]	ND	(0.853)	[1]	ND	(17.5)	[10]	ND	(0.460)	[1]
Chrysene	ND	(0.737)	[1]	ND	(0.589)	[1]	ND	(12.1)	[10]	ND	(0.716)	[1]
Di-n-octylphthalate	ND	(0.646)	[1]	ND	(0.641)	[1]	ND	(13.1)	[10]	ND	(0.627)	[1]
Dibenz(a,h)anthracene	ND	(0.810)	[1]	ND	(0.694)	[1]	ND	(14.2)	[10]	ND	(0.786)	[1]
Dibenzofuran	ND	(0.608)	[1]	ND	(0.510)	[1]	27.7	(10.4)	[10]	ND	(0.590)	[1]
Dibutylphthalate	ND	(0.475)	[1]	ND	(0.327)	[1]	ND	(6.69)	[10]	ND	(0.461)	[1]
Diethylphthalate	ND	(0.649)	[1]	ND	(0.283)	[1]	ND	(5.80)	[10]	ND	(0.630)	[1]
Dimethylphthalate	ND	(0.405)	[1]	ND	(0.423)	[1]	ND	(8.66)	[10]	ND	(0.393)	[1]
Diphenylamine	ND	(0.649)	[1]	ND	(0.627)	[1]	ND	(12.8)	[10]	ND	(0.630)	[1]
Fluoranthene	ND	(0.672)	[1]	0.424 J	(0.653)	[1]	ND	(13.4)	[10]	ND	(0.652)	[1]
Fluorene	ND	(0.710)	[1]	9.47	(0.605)	[1]	91.9	(12.4)	[10]	ND	(0.689)	[1]
Hexachlorobenzene	ND	(0.537)	[1]	ND	(1.44)	[1]	ND	(29.5)	[10]	ND	(0.521)	[1]
Hexachlorobutadiene	ND	(0.714)	[1]	ND	(0.936)	[1]	ND	(19.2)	[10]	ND	(0.693)	[1]
Hexachlorocyclopentadiene	ND	(1.98)	[1]	ND	(0.810)	[1]	ND	(16.6)	[10]	ND	(1.92)	[1]
Hexachloroethane	ND	(1.79)	[1]	ND	(5.30)	[1]	ND	(108)	[10]	ND	(1.74)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.763)	[1]	ND	(0.509)	[1]	ND	(10.4)	[10]	ND	(0.741)	[1]
Isophorone	ND	(0.340)	[1]	ND	(0.522)	[1]	ND	(10.7)	[10]	ND	(0.330)	[1]
N-Nitroso-di-n-propylamine	ND	(0.567)	[1]	ND	(0.766)	[1]	ND	(15.7)	[10]	ND	(0.550)	[1]
Naphthalene	ND	(0.719)	[1]	ND	(0.789)	[1]	2570	(16.2)	[10]	ND	(0.698)	[1]
Nitrobenzene	ND	(0.544)	[1]	ND	(0.801)	[1]	ND	(16.4)	[10]	ND	(0.528)	[1]
Pentachlorophenol	ND	(0.486)	[1]	ND	(0.617)	[1]	ND	(12.6)	[10]	ND	(0.472)	[1]
Phenanthrene	ND	(0.617)	[1]	6.06	(0.604)	[1]	38.4	(12.4)	[10]	ND	(0.599)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-57

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID				LOCATION ID				LOCATION ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	8				8				8			
	09-MW-06				09-MW-08				09-MW-12			
	G94-09-MW-06				G94-09-MW-08				G94-09-MW-12			

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8										13										13																			
	10-MW-01										10-MW-03										13-MW-37										13-MW-37									
	G94-10-MW-01										G94-10-MW-03										G94-13-MW-37										G94-13-MW-37									
	9.00 J (50.0) [1]										590 (50.0) [1]										9.00 J (50.0) [1]										5.00 JB (50.0) [1]									
AK101 - Gasoline Range Organics (ug/L)																																								
Gasoline Range Organics																																								
AK102 - Diesel Range Organics (ug/L)	38.0 J (100) [1]										42.0 J (100) [1]										34.0 J (100) [1]										15.0 JB (100) [1]									
Diesel Range Organics																																								
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	0.0122 KJ (0.0276) [1]										ND (0.00288) [1]										ND (0.00299) [1]										ND (0.00302) [1]									
4,4'-DDD	ND (0.00453) [1]										ND (0.00358) [1]										ND (0.00344) [1]										ND (0.00348) [1]									
4,4'-DDE	ND (0.00728) [1]										0.00970 KJ (0.0125) [1]										ND (0.00367) [1]										0.0127 KJ (0.0132) [1]									
4,4'-DDT	ND (0.00285) [1]										ND (0.00230) [1]										ND (0.00411) [1]										0.00520 (0.00415) [1]									
Aldrin	ND (0.0234) [1]										ND (0.0192) [1]										ND (0.0199) [1]										ND (0.0201) [1]									
Chlordane	ND (0.00393) [1]										ND (0.00270) [1]										ND (0.00280) [1]										ND (0.00283) [1]									
Dieldrin	0.00240 KJB (0.00393) [1]										ND (0.00207) [1]										ND (0.00215) [1]										0.00100 KJ (0.00452) [1]									
Endosulfan I	0.00180 KJ (0.0141) [1]										0.000500 KJ (0.00207) [1]										ND (0.00376) [1]										0.00380 (0.00380) [1]									
Endosulfan II	ND (0.00371) [1]										ND (0.00201) [1]										ND (0.0100) [1]										0.00910 KJ (0.0101) [1]									
Endosulfan Sulfate	ND (0.00531) [1]										ND (0.00478) [1]										0.00300 KJ (0.0100) [1]										ND (0.00765) [1]									
Endrin	ND (0.00708) [1]										ND (0.00729) [1]										ND (0.00758) [1]										ND (0.00765) [1]									
Endrin Aldehyde	ND (0.00390) [1]										0.00390 KJ (0.00602) [1]										ND (0.00625) [1]										ND (0.00632) [1]									
Heptachlor	0.000300 KJ (0.00124) [1]										0.000200 KJ (0.00621) [1]										0.000400 KJ (0.00645) [1]										0.00300 KJ (0.00651) [1]									
Heptachlor epoxide	ND (0.00244) [1]										0.00450 P (0.00181) [1]										0.000100 KJ (0.00935) [1]										0.00160 PJ (0.00190) [1]									
Methoxychlor	ND (0.0534) [1]										ND (0.0380) [1]										ND (0.0395) [1]										ND (0.0399) [1]									
PCB-1016	ND (0.0238) [1]										ND (0.0308) [1]										ND (0.0321) [1]										ND (0.0324) [1]									
PCB-1221	ND (0.0226) [1]										ND (0.0277) [1]										ND (0.0288) [1]										ND (0.0291) [1]									
PCB-1232	ND (0.0171) [1]										ND (0.0701) [1]										ND (0.0728) [1]										ND (0.0736) [1]									
PCB-1242	ND (0.117) [1]										ND (0.0257) [1]										ND (0.0267) [1]										ND (0.0269) [1]									
PCB-1248	ND (0.0407) [1]										ND (0.0304) [1]										ND (0.0316) [1]										ND (0.0319) [1]									
PCB-1254	ND (0.0300) [1]										ND (0.0122) [1]										ND (0.0126) [1]										ND (0.0128) [1]									
PCB-1260	ND (0.0340) [1]										ND (0.0338) [1]										ND (0.0351) [1]										ND (0.0354) [1]									

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-59

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				13				13			
	10-MW-01		10-MW-03		13-MW-37		13-MW-37		G94-13-MW-37		G94-13-MW-37	
	G94-10-MW-01		G94-10-MW-03		G94-13-MW-37		G94-13-MW-37		G94-13-MW-37		G94-13-MW-37	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
Toxaphene	ND	(0.0417)	[1]	ND	(0.0542)	[1]	ND	(0.0564)	[1]	ND	(0.0569)	[1]
alpha-BHC	ND	(0.00418)	[1]	ND	(0.00275)	[1]	ND	(0.00286)	[1]	ND	(0.00289)	[1]
beta-BHC	ND	(0.00331)	[1]	ND	(0.00390)	[1]	ND	(0.00405)	[1]	ND	(0.00409)	[1]
delta-BHC	ND	(0.00174)	[1]	ND	(0.00224)	[1]	ND	(0.000852)	[1]	ND	(0.00236)	[1]
gamma-BHC	ND	(0.00381)	[1]	0.00650	(0.00172)	[1]	ND	(0.00178)	[1]	ND	(0.00180)	[1]
SW8260 - Volatile Organic Compounds (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1-Dichloroethane	ND	(0.0886)	[1]	0.280	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]
1,2-Dichloroethane	0.430	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]
2-Butanone(MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]
Acetone	5.56	(2.09)	[1]	2.07 JB	(2.09)	[1]	6.15	(2.09)	[1]	4.81 B	(2.09)	[1]
Benzene	0.300	(0.0307)	[1]	82.9	(0.0614)	[2]	0.0500 B	(0.0307)	[1]	0.0400 B	(0.0307)	[1]
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]

Compiled: 15 March 1995

() = Detection Limit

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ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-60

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		13	
	LOCATION ID SAMPLE ID	10-MW-01 G94-10-MW-01	10-MW-03 G94-10-MW-03	13-MW-37 G94-13-MW-37 G94-13-MW-37-FD Dup of G94-13-MW-37
SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromodichloromethane	ND	(0.0536)	(0.0536)	ND (0.0536)
Bromoform	ND	(0.108)	(0.108)	ND (0.108)
Bromomethane	ND	(0.0968)	(0.0968)	ND (0.0968)
Carbon disulfide	ND	(0.161)	(0.161)	ND (0.161)
Carbon tetrachloride	ND	(0.117)	(0.117)	ND (0.117)
Chlorobenzene	ND	(0.112)	(0.112)	ND (0.112)
Chloroethane	ND	(0.0972)	(0.0972)	ND (0.0972)
Chloroform	ND	(0.0363)	(0.0363)	ND (0.0363)
Chloromethane	ND	(0.155)	(0.155)	ND (0.155)
Dibromochloromethane	ND	(0.0283)	(0.0283)	ND (0.0283)
Dibromomethane	ND	(0.0598)	(0.0598)	ND (0.0598)
Ethyl benzene	ND	(0.110)	(0.110)	ND (0.110)
Meta-&Para-Xylene	ND	(0.365)	(0.365)	0.0700 J (0.365)
Methylene Chloride	0.300 B	(0.151)	(0.151)	0.150 JB (0.151)
Ortho-Xylene	ND	(0.124)	(0.124)	ND (0.124)
Styrene	ND	(0.113)	(0.113)	ND (0.113)
Tetrachloroethene	ND	(0.209)	(0.209)	ND (0.209)
Toluene	0.0500	(0.0336)	(0.0336)	0.130 (0.0336)
Trichloroethene	1.51	(0.0439)	(0.0439)	0.360 (0.0439)
Trichlorofluoromethane	ND	(0.0943)	(0.0943)	ND (0.0943)
Vinyl Chloride	ND	(0.0992)	(0.0992)	ND (0.0992)
Vinyl acetate	ND	(0.127)	(0.127)	ND (0.127)
cis-1,2-Dichloroethene	1.22	(0.0785)	(0.0785)	ND (0.0785)
cis-1,3-Dichloropropene	ND	(0.0758)	(0.0758)	ND (0.0758)
trans-1,2-Dichloroethene	ND	(0.131)	(0.131)	ND (0.131)
trans-1,3-Dichloropropene	ND	(0.0829)	(0.0829)	ND (0.0829)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-61

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				13				13							
	10-MW-01				10-MW-03				13-MW-37				13-MW-37			
	G94-10-MW-01				G94-10-MW-03				G94-13-MW-37				G94-13-MW-37			
SW8270 - Semivolatile Organics (ug/L)																
1,2,4-Trichlorobenzene	ND	(0.620)	[1]	ND	(0.474)	[1]	ND	(0.435)	[1]	ND	(0.431)	[1]				
1,2-Dichlorobenzene	ND	(0.677)	[1]	ND	(0.575)	[1]	ND	(0.608)	[1]	ND	(0.602)	[1]				
1,3-Dichlorobenzene	ND	(0.731)	[1]	ND	(0.386)	[1]	ND	(0.553)	[1]	ND	(0.548)	[1]				
1,4-Dichlorobenzene	ND	(1.35)	[1]	ND	(1.51)	[1]	ND	(0.724)	[1]	ND	(0.717)	[1]				
2,4,5-Trichlorophenol	ND	(0.458)	[1]	ND	(0.308)	[1]	ND	(0.544)	[1]	ND	(0.539)	[1]				
2,4,6-Trichlorophenol	ND	(0.433)	[1]	ND	(0.367)	[1]	ND	(0.648)	[1]	ND	(0.642)	[1]				
2,4-Dichlorophenol	ND	(0.674)	[1]	ND	(0.385)	[1]	ND	(0.861)	[1]	ND	(0.852)	[1]				
2,4-Dimethylphenol	ND	(0.625)	[1]	ND	(0.627)	[1]	ND	(0.798)	[1]	ND	(0.790)	[1]				
2,4-Dinitrophenol	ND	(1.84)	[1]	ND	(1.15)	[1]	ND	(1.11)	[1]	ND	(1.10)	[1]				
2,4-Dinitrotoluene	ND	(0.747)	[1]	ND	(0.302)	[1]	ND	(0.676)	[1]	ND	(0.670)	[1]				
2,6-Dinitrotoluene	ND	(0.723)	[1]	ND	(0.589)	[1]	ND	(0.737)	[1]	ND	(0.730)	[1]				
2-Chloronaphthalene	ND	(0.925)	[1]	ND	(0.759)	[1]	ND	(0.650)	[1]	ND	(0.644)	[1]				
2-Chlorophenol	ND	(0.612)	[1]	ND	(0.511)	[1]	ND	(0.560)	[1]	ND	(0.554)	[1]				
2-Methylnaphthalene	ND	(1.12)	[1]	ND	(0.772)	[1]	ND	(0.575)	[1]	ND	(0.569)	[1]				
2-Methylphenol	ND	(0.553)	[1]	ND	(0.454)	[1]	ND	(0.311)	[1]	ND	(0.308)	[1]				
2-Nitroaniline	ND	(0.719)	[1]	ND	(0.490)	[1]	ND	(0.730)	[1]	ND	(0.723)	[1]				
2-Nitrophenol	ND	(1.04)	[1]	ND	(0.736)	[1]	ND	(0.733)	[1]	ND	(0.726)	[1]				
3,3'-Dichlorobenzidine	ND	(0.688)	[1]	ND	(3.52)	[1]	ND	(0.885)	[1]	ND	(0.877)	[1]				
3-Nitroaniline	ND	(0.860)	[1]	ND	(0.487)	[1]	ND	(0.771)	[1]	ND	(0.763)	[1]				
4,6-Dinitro-2-methylphenol	ND	(0.439)	[1]	ND	(2.75)	[1]	ND	(0.972)	[1]	ND	(0.962)	[1]				
4-Bromophenyl phenyl ether	ND	(0.723)	[1]	ND	(0.274)	[1]	ND	(0.415)	[1]	ND	(0.411)	[1]				
4-Chloro-3-methylphenol	ND	(0.601)	[1]	ND	(0.362)	[1]	ND	(0.396)	[1]	ND	(0.392)	[1]				
4-Chlorophenyl phenyl ether	ND	(0.863)	[1]	ND	(0.430)	[1]	ND	(0.463)	[1]	ND	(0.458)	[1]				
4-Methylphenol/3-Methylphenol	ND	(0.826)	[1]	ND	(0.421)	[1]	ND	(0.361)	[1]	ND	(0.357)	[1]				
4-Nitroaniline	ND	(0.553)	[1]	ND	(0.591)	[1]	ND	(1.08)	[1]	ND	(1.07)	[1]				
4-Nitrophenol	ND	(1.11)	[1]	ND	(0.725)	[1]	ND	(1.15)	[1]	ND	(1.14)	[1]				
Acenaphthene	ND	(0.643)	[1]	ND	(0.575)	[1]	ND	(0.632)	[1]	ND	(0.626)	[1]				

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-62

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				13			
	10-MW-01				13-MW-37			
	694-10-MW-01	10-MW-03	694-10-MW-03	694-13-MW-37	13-MW-37	694-13-MW-37	694-13-MW-37	694-13-MW-37
SW8270 - Semivolatile Organics, cont. (ug/L)								
Acenaphthylene	ND	(0.438)	[1]	ND	(0.587)	[1]	ND	(0.620)
Anthracene	ND	(0.442)	[1]	ND	(0.632)	[1]	ND	(0.748)
Benzo(a)anthracene	ND	(0.491)	[1]	ND	(0.693)	[1]	ND	(0.583)
Benzo(a)pyrene	ND	(0.556)	[1]	ND	(0.630)	[1]	ND	(0.779)
Benzo(b)fluoranthene	ND	(0.738)	[1]	ND	(0.618)	[1]	ND	(1.03)
Benzo(g,h,i)perylene	ND	(0.658)	[1]	ND	(0.669)	[1]	ND	(1.11)
Benzo(k)fluoranthene	ND	(1.07)	[1]	ND	(0.900)	[1]	ND	(1.08)
Benzoic acid	ND	(2.99)	[1]	ND	(5.74)	[1]	ND	(25.5)
Benzyl alcohol	ND	(0.671)	[1]	ND	(0.408)	[1]	ND	(0.527)
Butylbenzylphthalate	ND	(0.862)	[1]	ND	(0.451)	[1]	ND	(1.79)
Chrysene	ND	(0.594)	[1]	ND	(0.702)	[1]	ND	(0.971)
Di-n-octylphthalate	ND	(0.647)	[1]	ND	(0.615)	[1]	ND	(0.505)
Dibenz(a,h)anthracene	ND	(0.701)	[1]	ND	(0.771)	[1]	ND	(0.981)
Dibenzofuran	ND	(0.514)	[1]	ND	(0.579)	[1]	ND	(0.543)
Dibutylphthalate	ND	(0.330)	[1]	ND	(0.452)	[1]	ND	(0.484)
Diethylphthalate	ND	(0.286)	[1]	ND	(0.618)	[1]	ND	(0.249)
Dimethylphthalate	ND	(0.427)	[1]	ND	(0.386)	[1]	ND	(0.439)
Diphenylamine	ND	(0.633)	[1]	ND	(0.618)	[1]	ND	(0.882)
Fluoranthene	ND	(0.660)	[1]	ND	(0.640)	[1]	ND	(0.578)
Fluorene	ND	(0.611)	[1]	ND	(0.676)	[1]	ND	(0.450)
Hexachlorobenzene	ND	(1.45)	[1]	ND	(0.511)	[1]	ND	(0.540)
Hexachlorobutadiene	ND	(0.945)	[1]	ND	(0.680)	[1]	ND	(1.01)
Hexachlorocyclopentadiene	ND	(0.817)	[1]	ND	(1.89)	[1]	ND	(1.17)
Hexachloroethane	ND	(5.35)	[1]	ND	(1.70)	[1]	ND	(0.541)
Indeno(1,2,3-cd)pyrene	ND	(0.513)	[1]	ND	(0.727)	[1]	ND	(0.865)
Isophorone	ND	(0.527)	[1]	ND	(0.324)	[1]	ND	(0.317)
N-Nitroso-di-n-propylamine	ND	(0.773)	[1]	ND	(0.540)	[1]	ND	(0.604)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-63

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-64

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

 SITE ID
 LOCATION ID
 SAMPLE ID

 13
 13-MW-38
 694-13-MW-38

PARAMETER	-----		
AK101 - Gasoline Range Organics (ug/L)	10.0 J (	50.0)	[1]
Gasoline Range Organics			
AK102 - Diesel Range Organics (ug/L)	0.00 JB (	100)	[1]
Diesel Range Organics			
SW8080 - Organochlorine Pesticides and PCBs (ug/L)			
4,4'-DDD	ND (	0.00305)	[1]
4,4'-DDE	0.00500 P (	0.00351)	[1]
4,4'-DDT	0.0126 KJ (	0.0133)	[1]
Aldrin	0.0177 (	0.00419)	[1]
Chlordane	ND (	0.0203)	[1]
Dieldrin	0.00790 (	0.00286)	[1]
Endosulfan I	0.00940 (	0.00219)	[1]
Endosulfan II	ND (	0.00384)	[1]
Endosulfan Sulfate	0.00360 KJ (	0.00507)	[1]
Endrin	ND (	0.00773)	[1]
Endrin Aldehyde	ND (	0.00638)	[1]
Heptachlor	0.00330 PJ (	0.00658)	[1]
Heptachlor epoxide	0.0555 (	0.00954)	[1]
Methoxychlor	0.00580 KJ (	0.0626)	[1]
PCB-1016	ND (	0.0327)	[1]
PCB-1221	ND (	0.0294)	[1]
PCB-1232	ND (	0.0743)	[1]
PCB-1242	ND (	0.0272)	[1]
PCB-1248	ND (	0.0322)	[1]
PCB-1254	ND (	0.0129)	[1]
PCB-1260	ND (	0.0358)	[1]
Toxaphene	ND (	0.0575)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-65

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)

alpha-BHC ND (0.00292) [1]
beta-BHC 0.00710 P (0.00413) [1]
delta-BHC ND (0.00238) [1]
gamma-BHC 0.0133 (0.00182) [1]

SW8260 - Volatile Organic Compounds (ug/L)

1,1,1,2-Tetrachloroethane ND (0.0851) [1]
1,1,1-Trichloroethane ND (0.0992) [1]
1,1,2,2-Tetrachloroethane ND (0.170) [1]
1,1,2-Trichloroethane ND (0.0920) [1]
1,1-Dichloroethane ND (0.0886) [1]
1,1-Dichloroethene ND (0.0806) [1]
1,2,3-Trichloropropane ND (0.233) [1]
1,2-Dichlorobenzene ND (0.354) [1]
1,2-Dichloroethane 0.640 (0.0791) [1]
1,2-Dichloropropane ND (0.0742) [1]
1,3-Dichlorobenzene ND (0.391) [1]
1,4-Dichlorobenzene ND (0.423) [1]
1-Chlorohexane ND (0.154) [1]
2-Butanone(MEK) ND (0.890) [1]
2-Chloroethyl vinyl ether ND (0.124) [1]
2-Hexanone ND (0.766) [1]
4-Methyl-2-Pentanone(MIBK) ND (0.501) [1]
Acetone 5.94 (2.09) [1]
Benzene ND (0.0307) [1]
Bromobenzene ND (0.165) [1]
Bromodichloromethane ND (0.0536) [1]
Bromoform ND (0.108) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-66

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8260 - Volatile Organic Compounds, cont. (ug/L)

Bromomethane	ND	(0.0968)	[1]
Carbon disulfide	ND	(0.161)	[1]
Carbon tetrachloride	ND	(0.117)	[1]
Chlorobenzene	ND	(0.112)	[1]
Chloroethane	ND	(0.0972)	[1]
Chloroform	ND	(0.0363)	[1]
Chloromethane	ND	(0.155)	[1]
Dibromochloromethane	ND	(0.0283)	[1]
Dibromomethane	ND	(0.0598)	[1]
Ethyl benzene	ND	(0.110)	[1]
Meta-&Para-Xylene	ND	(0.365)	[1]
Methylene Chloride	0.190 B	(0.151)	[1]
Ortho-Xylene	ND	(0.124)	[1]
Styrene	ND	(0.113)	[1]
Tetrachloroethene	ND	(0.209)	[1]
Toluene	0.0300 JB	(0.0336)	[1]
Trichloroethene	9.28	(0.0439)	[1]
Trichlorofluoromethane	ND	(0.0943)	[1]
Vinyl Chloride	ND	(0.0992)	[1]
Vinyl acetate	ND	(0.127)	[1]
cis-1,2-Dichloroethene	23.3	(0.0785)	[1]
cis-1,3-Dichloropropene	ND	(0.0758)	[1]
trans-1,2-Dichloroethene	1.33	(0.131)	[1]
trans-1,3-Dichloropropene	ND	(0.0829)	[1]

SW8270 - Semivolatile Organics (ug/L)

1,2,4-Trichlorobenzene	ND	(0.440)	[1]
1,2-Dichlorobenzene	ND	(0.614)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-67

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

1,3-Dichlorobenzene	ND	(	0.558)	[1]
1,4-Dichlorobenzene	ND	(	0.731)	[1]
2,4,5-Trichlorophenol	ND	(	0.550)	[1]
2,4,6-Trichlorophenol	ND	(	0.654)	[1]
2,4-Dichlorophenol	ND	(	0.869)	[1]
2,4-Dimethylphenol	ND	(	0.806)	[1]
2,4-Dinitrophenol	ND	(	1.12)	[1]
2,4-Dinitrotoluene	ND	(	0.683)	[1]
2,6-Dinitrotoluene	ND	(	0.745)	[1]
2-Chloronaphthalene	ND	(	0.656)	[1]
2-Chlorophenol	ND	(	0.565)	[1]
2-Methylnaphthalene	ND	(	0.580)	[1]
2-Methylphenol	ND	(	0.314)	[1]
2-Nitroaniline	ND	(	0.738)	[1]
2-Nitrophenol	ND	(	0.741)	[1]
3,3'-Dichlorobenzidine	ND	(	0.894)	[1]
3-Nitroaniline	ND	(	0.778)	[1]
4,6-Dinitro-2-methylphenol	ND	(	0.981)	[1]
4-Bromophenyl phenyl ether	ND	(	0.419)	[1]
4-Chloro-3-methylphenol	ND	(	0.400)	[1]
4-Chlorophenyl phenyl ether	ND	(	0.467)	[1]
4-Methylphenol/3-Methylphenol	ND	(	0.364)	[1]
4-Nitroaniline	ND	(	1.09)	[1]
4-Nitrophenol	ND	(	1.16)	[1]
Acenaphthene	ND	(	0.639)	[1]
Acenaphthylene	ND	(	0.633)	[1]
Anthracene	ND	(	0.762)	[1]
Benzo(a)anthracene	ND	(	0.594)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-68

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Benzo(a)pyrene	ND	(	0.794	)	[1]
Benzo(b)fluoranthene	ND	(	1.05	)	[1]
Benzo(g,h,i)perylene	ND	(	1.13	)	[1]
Benzo(k)fluoranthene	ND	(	1.10	)	[1]
Benzoic acid	ND	(	26.0	)	[1]
Benzyl alcohol	ND	(	0.538	)	[1]
Butylbenzylphthalate	ND	(	1.82	)	[1]
Chrysene	ND	(	0.990	)	[1]
Di-n-octylphthalate	ND	(	0.515	)	[1]
Dibenz(a,h)anthracene	ND	(	1.00	)	[1]
Dibenzofuran	ND	(	0.553	)	[1]
Dibutylphthalate	ND	(	0.494	)	[1]
Diethylphthalate	ND	(	0.253	)	[1]
Dimethylphthalate	ND	(	0.448	)	[1]
Diphenylamine	ND	(	0.899	)	[1]
Fluoranthene	ND	(	0.589	)	[1]
Fluorene	ND	(	0.458	)	[1]
Hexachlorobenzene	ND	(	0.550	)	[1]
Hexachlorobutadiene	ND	(	1.03	)	[1]
Hexachlorocyclopentadiene	ND	(	1.19	)	[1]
Hexachloroethane	ND	(	0.551	)	[1]
Indeno(1,2,3-cd)pyrene	ND	(	0.882	)	[1]
Isophorone	ND	(	0.323	)	[1]
N-Nitroso-di-n-propylamine	ND	(	0.616	)	[1]
Naphthalene	ND	(	0.771	)	[1]
Nitrobenzene	ND	(	0.439	)	[1]
Pentachloropheno]	ND	(	0.951	)	[1]
Phenanthrene	ND	(	0.659	)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-69

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Phenol	ND	(0.372)	[1]
Pyrene	ND	(0.707)	[1]
bis(2-Chloroethoxy)methane	ND	(0.632)	[1]
bis(2-Chloroethyl)ether	ND	(0.487)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.443)	[1]
bis(2-Ethylhexyl)phthalate	ND	(2.65)	[1]
p-Chloroaniline	ND	(0.939)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-70

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	1	1	1	1
	01-MW-01	01-MW-01	01-MW-02	01-MW-05
	G94-01-MW-01	G94-01-MW-01-FD Dup of	G94-01-MW-02	G94-01-MW-05
		G94-01-MW-01		

A403 - Alkalinity (mg/L)	611	()	[1]	()
Alkalinity				
E170.1 - Temperature (degC)	4.00	()	[1]	()
Temperature				
SW9040 - pH Electrometric Measurement (pH UNITS)	6.63	()	[1]	()
pH				
SW9050 - Specific Conductance (umhos/cm)	1170	()	[1]	()
Conductivity				

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-1

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	1	1	1	8
	01-MW-06	01-MW-07	01-MW-08	02-GW-01
	694-01-MW-06	694-01-MW-07	694-01-MW-08	694-02-GW-01
A403 - Alkalinity (mg/L)				
Alkalinity	739	643	720	250
	()	()	()	()
	[1]	[1]	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	3.00	3.00	3.00	3.00
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.64	6.57	6.69	6.99
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1300	1140	1220	440
	()	()	()	()
	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-2

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID									
LOCATION ID		8		4		4		4	
SAMPLE ID		02-GW-04		04-MW-03		04-MW-03		04-MW-03	
PARAMETER		G94-02-GW-03		G94-02-GW-04		G94-04-MW-03		G94-04-MW-03-02	

A403 - Alkalinity (mg/L)	248	()	[1]	()	[1]	1172	()	[1]	NA
Alkalinity									
E170.1 - Temperature (degC)	3.00	()	[1]	()	[1]	3.00	()	[1]	NA
Temperature									

SW6010 - Metals (mg/L)									
Aluminum	NA			NA		0.0570	B (0.0523)	[1]	-0.0315 JB (0.0523)
Antimony	NA			NA		0.0402	JB (0.0760)	[1]	0.0257 JB (0.0760)
Arsenic	NA			NA		-0.00469	JB (0.0468)	[1]	0.00809 JB (0.0468)
Barium	NA			NA		0.537	(0.000860)	[1]	0.496 (0.000860)
Beryllium	NA			NA		0.000520	B (0.000510)	[1]	-0.00247 JB (0.000510)
Cadmium	NA			NA		-0.000290	JB (0.00386)	[1]	0.000900 JB (0.00386)
Calcium	NA			NA		326	(0.0175)	[1]	319 (0.0175)
Chromium	NA			NA		0.00357	JB (0.00524)	[1]	-0.000520 JB (0.00524)
Cobalt	NA			NA		0.0359	(0.00407)	[1]	0.0375 (0.00407)
Copper	NA			NA		0.00824	JB (0.00916)	[1]	0.00389 JB (0.00916)
Iron	NA			NA		7.38	(0.00452)	[1]	2.63 (0.00452)
Lead	NA			NA		-0.0473	JB (0.0216)	[1]	0.0156 JB (0.0216)
Magnesium	NA			NA		73.6	(0.0479)	[1]	73.0 (0.0479)
Manganese	NA			NA		23.1	(0.00155)	[1]	18.7 (0.00155)
Molybdenum	NA			NA		0.00356	JB (0.00739)	[1]	-0.00359 JB (0.00739)
Nickel	NA			NA		0.102	(0.0141)	[1]	0.0593 (0.0141)
Potassium	NA			NA		6.88	(0.822)	[1]	6.76 (0.822)
Selenium	NA			NA		-0.00316	JB (0.0891)	[1]	0.0271 JB (0.0891)
Silver	NA			NA		-0.00196	JB (0.00519)	[1]	0.00499 JB (0.00519)
Sodium	NA			NA		9.61	(0.0401)	[1]	11.3 (0.0401)
Thallium	NA			NA		-0.101	JB (0.0833)	[1]	-0.0312 JB (0.0833)
Vanadium	NA			NA		0.00341	JB (0.00454)	[1]	-0.0000300 JB (0.00454)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-3

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
	8	4	4	
	02-GW-03	04-MW-03	04-MW-03	
	G94-02-GW-03	G94-04-MW-03	G94-04-MW-03-02	
SW6010 - Metals, cont. (mg/L)	NA	0.0147 B (0.00402)	[1]	0.000590 JB (0.00402) [1]
Zinc				
SW7060 - Arsenic (mg/L)	NA	0.00515 (0.00214)	[1]	0.00246 (0.00214) [1]
Arsenic				
SW7421 - Lead (mg/L)	NA	0.000630 JB (0.00220)	[1]	-0.000990 JB (0.00220) [1]
Lead				
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	7.06	[1]	[1]	6.55 () [1] NA
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	570	[1]	[1]	1870 () [1] NA

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-4

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)	4	5	5	5
	04-MW-03	05-MW-02	05-MW-02	05-MW-03
E170.1 - Temperature (degC)	694-04-MW-03D	694-05-MW-02	694-05-MW-02-FD Dup of	694-05-MW-03
			694-05-MW-02	
SW6010 - Metals (mg/L)	NA	402	402	536
Aluminum	-0.0410 JB (0.0523)	[1]	NA	NA
Antimony	0.0844 B (0.0760)	[1]	NA	NA
Arsenic	-0.0110 JB (0.0468)	[1]	NA	NA
Barium	0.575 (0.000860)	[1]	NA	NA
Beryllium	0.00108 B (0.000510)	[1]	NA	NA
Cadmium	-0.00144 JB (0.00386)	[1]	NA	NA
Calcium	355 (0.0175)	[1]	NA	NA
Chromium	0.00350 JB (0.00524)	[1]	NA	NA
Cobalt	0.0394 (0.00407)	[1]	NA	NA
Copper	0.0353 (0.00916)	[1]	NA	NA
Iron	8.75 (0.00452)	[1]	NA	NA
Lead	-0.101 JB (0.0216)	[1]	NA	NA
Magnesium	78.0 (0.0479)	[1]	NA	NA
Manganese	26.1 (0.00155)	[1]	NA	NA
Molybdenum	0.0102 B (0.00739)	[1]	NA	NA
Nickel	0.0498 (0.0141)	[1]	NA	NA
Potassium	7.51 (0.822)	[1]	NA	NA
Selenium	-0.0221 JB (0.0891)	[1]	NA	NA
Silver	0.000230 JB (0.00519)	[1]	NA	NA
Sodium	9.95 (0.0401)	[1]	NA	NA
Thallium	-0.183 JB (0.0833)	[1]	NA	NA

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A14-5

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	4	5	4	5	4	5
	04-MW-03	05-MW-02	05-MW-02	05-MW-02	05-MW-03	05-MW-03
	694-04-MW-03D	694-05-MW-02	694-05-MW-02	694-05-MW-02	694-05-MW-02	694-05-MW-03
SW6010 - Metals, cont. (mg/L)						
Vanadium	0.00288 JB (0.00454)	[1]	NA	NA	NA	NA
Zinc	0.00387 JB (0.00402)	[1]	NA	NA	NA	NA
SW7060 - Arsenic (mg/L)						
Arsenic	0.00757 (0.00214)	[1]	NA	NA	NA	NA
SW7421 - Lead (mg/L)						
Lead	-0.000180 JB (0.00220)	[1]	NA	NA	NA	NA
SW9040 - pH Electrometric Measurement (pH UNITS)						
pH	6.70	()	[1]	6.70	()	[1]
SW9050 - Specific Conductance (umhos/cm)						
Conductivity	750	()	[1]	750	()	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A14-6

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	5	5	5	5
	05-MW-04	05-MW-05	05-MW-06	05-MW-07
	G94-05-MW-04	G94-05-MW-05	G94-05-MW-06	G94-05-MW-07
A403 - Alkalinity (mg/L)	970	[1]	770	()
Alkalinity		[1]	[1]	569
				()
E170.1 - Temperature (degC)	5.00	()	[1]	[1]
Temperature		[1]	[1]	4.00
				()
SW9040 - pH Electrometric Measurement (pH UNITS)	6.78	()	[1]	[1]
pH		[1]	[1]	6.71
				()
SW9050 - Specific Conductance (umhos/cm)	1790	()	[1]	[1]
Conductivity		[1]	[1]	1050
				()
				1170
				()
				[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-7

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	5	5	5	5	5
	05-MW-11	05-MW-13	05-MW-14	05-MW-15	05-MW-15
	694-05-MW-11	694-05-MW-13	694-05-MW-14	694-05-MW-15	694-05-MW-15
A403 - Alkalinity (mg/L)	969	608	524	500	()
Alkalinity	[1]	()	[1]	[1]	()
E170.1 - Temperature (degC)	2.50	4.00	3.00	1.00	()
Temperature	[1]	()	[1]	[1]	()
SW9040 - pH Electrometric Measurement (pH UNITS)	6.57	6.36	6.55	6.66	()
pH	[1]	()	[1]	[1]	()
SW9050 - Specific Conductance (umhos/cm)	1810	1160	800	850	()
Conductivity	[1]	()	[1]	[1]	()

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-8

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8	8	8	8
	06-MW-01	06-MW-02	06-MW-03	06-MW-03
	694-06-MW-01	694-06-MW-02	694-06-MW-03	694-06-MW-03
				694-06-MW-03 Dup of 694-06-MW-03

A403 - Alkalinity (mg/L)	792	651	()	()
Alkalinity	()	[1]	[1]	[1]
E170.1 - Temperature (degC)	6.50	4.00	()	()
Temperature	()	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)	6.62	6.50	()	()
pH	()	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)	1390	1910	()	()
Conductivity	()	[1]	[1]	[1]
		840	()	840
		[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-9

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				8				8				8			
	LOCATION ID		SAMPLE ID		06-MW-04		06-MW-05		06-MW-05		06-MW-05		06-MW-05		06-MW-05	
	G94-06-MW-04		G94-06-MW-05		G94-06-MW-04		G94-06-MW-05		G94-06-MW-05		G94-06-MW-05		G94-06-MW-05		G94-06-MW-05	
A403 - Alkalinity (mg/L)	643	()	[1]	[1]	483	()	[1]	[1]	NA	NA	784	()	[1]	[1]		
E170.1 - Temperature (degC)	5.50	()	[1]	[1]	4.00	()	[1]	[1]	NA	NA	5.00	()	[1]	[1]		
SW6010 - Metals (mg/L)																
Aluminum	NA				4.62	(0.0523)	[1]	[1]	-0.0125	JB (0.0523)			[1]		NA	
Antimony	NA				-0.00655	JB (0.0760)	[1]	[1]	0.0138	JB (0.0760)			[1]		NA	
Arsenic	NA				0.0238	JB (0.0468)	[1]	[1]	-0.0654	JB (0.0468)			[1]		NA	
Barium	NA				0.333	(0.000860)	[1]	[1]	0.188	(0.000860)			[1]		NA	
Beryllium	NA				-0.00113	JB (0.000510)	[1]	[1]	-0.00109	JB (0.000510)			[1]		NA	
Cadmium	NA				0.000240	JB (0.00386)	[1]	[1]	-0.000470	JB (0.00386)			[1]		NA	
Calcium	NA				149	(0.0175)	[1]	[1]	138	(0.0175)			[1]		NA	
Chromium	NA				0.00245	JB (0.00524)	[1]	[1]	0.000660	JB (0.00524)			[1]		NA	
Cobalt	NA				0.0126	B (0.00407)	[1]	[1]	0.00	JB (0.00407)			[1]		NA	
Copper	NA				0.0560	(0.00916)	[1]	[1]	0.00648	JB (0.00916)			[1]		NA	
Iron	NA				8.09	(0.00452)	[1]	[1]	0.0223	B (0.00452)			[1]		NA	
Lead	NA				-0.0288	JB (0.0216)	[1]	[1]	-0.0470	JB (0.0216)			[1]		NA	
Magnesium	NA				16.2	(0.0479)	[1]	[1]	14.0	(0.0479)			[1]		NA	
Manganese	NA				1.79	(0.00155)	[1]	[1]	1.20	(0.00155)			[1]		NA	
Molybdenum	NA				0.00291	JB (0.00739)	[1]	[1]	0.00394	JB (0.00739)			[1]		NA	
Nickel	NA				0.0356	B (0.0141)	[1]	[1]	0.0130	JB (0.0141)			[1]		NA	
Potassium	NA				6.36	(0.822)	[1]	[1]	5.86	(0.822)			[1]		NA	
Selenium	NA				-0.0101	JB (0.0891)	[1]	[1]	-0.0251	JB (0.0891)			[1]		NA	
Silver	NA				-0.00598	JB (0.00519)	[1]	[1]	-0.00613	JB (0.00519)			[1]		NA	
Sodium	NA				42.1	(0.0401)	[1]	[1]	41.3	(0.0401)			[1]		NA	
Thallium	NA				-0.0254	JB (0.0833)	[1]	[1]	-0.0490	JB (0.0833)			[1]		NA	
Vanadium	NA				0.00704	B (0.00454)	[1]	[1]	-0.000440	JB (0.00454)			[1]		NA	

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-10

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
		8	8	8
		06-MW-04	06-MW-05	06-MW-06
		G94-06-MW-04	G94-06-MW-05	G94-06-MW-06
SW6010 - Metals, cont. (mg/L)	NA	0.0483	(0.00402)	[1] 0.0136 B (0.00402) [1] NA
Zinc				
SW7060 - Arsenic (mg/L)	NA	0.00716	(0.000647)	[1] -0.00135 JB (0.000647) [1] NA
Arsenic				
SW7421 - Lead (mg/L)	NA	0.00994	(0.00205)	[1] -0.0000600 JB (0.00205) [1] NA
Lead				
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.62	()	()	[1] NA 6.49 () [1]
SW9050 - Specific Conductance (umhos/cm)	1140	()	()	[1] NA 2050 () [1]
Conductivity				

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-11

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8	8	8	8
	06-MW-07	09-MW-01	09-MW-02	09-MW-03
	G94-06-MW-07	G94-09-MW-01	G94-09-MW-02	G94-09-MW-03
A403 - Alkalinity (mg/L)				
Alkalinity	784	701	536	438
	[1]	[1]	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	4.50	4.50	4.00	3.00
	[1]	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.61	6.77	6.69	6.79
	[1]	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1390	1270	930	1000
	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-12

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	8	8	8	8
	09-MW-04	09-MW-05	09-MW-05	09-MW-06
	G94-09-MW-04	G94-09-MW-05	G94-09-MW-05-FD Dup of	G94-09-MW-06
			G94-09-MW-05	
A403 - Alkalinity (mg/L)	623	443	443	189
Alkalinity	()	[1]	[1]	()
E170.1 - Temperature (degC)	4.00	3.00	3.00	3.00
Temperature	()	[1]	[1]	()
SW9040 - pH Electrometric Measurement (pH UNITS)	7.86	6.84	6.84	6.79
pH	()	[1]	[1]	()
SW9050 - Specific Conductance (umhos/cm)	840	690	690	350
Conductivity	()	[1]	[1]	()

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-13

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8	8	8	8
	09-MW-08	09-MW-12	09-MW-15	10-MW-01
	G94-09-MW-08	G94-09-MW-12	G94-09-MW-15	G94-10-MW-01
A403 - Alkalinity (mg/L)				
Alkalinity	739	850	401	632
	()	()	()	()
	[1]	[1]	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	5.50	5.50	4.00	5.50
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.46	6.44	6.80	6.52
	()	()	()	()
	[1]	[1]	[1]	[1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1280	1460	720	1220
	()	()	()	()
	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[]

= Dilution Factor

ND

= Not Detected

NA

= Not Applicable

*

- Value considered suspect, Refer to QC Report

A14-14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit ☐ = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A14-15

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	8	13	13	13	13	13
	10-MW-03	13-MW-37	13-MW-37	13-MW-37	13-MW-38	13-MW-38
	G94-10-MW-03	G94-13-MW-37	G94-13-MW-37	G94-13-MW-37-FD Dup of	G94-13-MW-37	G94-13-MW-38
SW6010 - Metals, cont. (mg/L)						
Vanadium	NA	0.000290 JB (0.00454)	[1]	0.00507 B (0.00454)	[1]	-0.00241 JB (0.00454) [1]
Zinc	NA	0.00936 B (0.00402)	[1]	0.00929 B (0.00402)	[1]	0.0116 B (0.00402) [1]
SW7060 - Arsenic (mg/L)						
Arsenic	NA	-0.00145 JB (0.000647)	[1]	-0.00100 JB (0.000647)	[1]	-0.0000700 JB (0.000647) [1]
SW7421 - Lead (mg/L)						
Lead	NA	0.000560 JB (0.00220)	[1]	-0.000540 JB (0.00220)	[1]	-0.000660 JB (0.00220) [1]
SW9040 - pH Electrometric Measurement (pH UNITS)						
pH	6.78	() [1]	[1]	6.59 () [1]	[1]	6.46 () [1]
SW9050 - Specific Conductance (umhos/cm)						
Conductivity	1140	() [1]	[1]	940 () [1]	[1]	1040 () [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-16

TABLE A15 ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	1	01-HA-11	1	01-HA-11	1	01-HA-12
		694-01-HA-11-01		694-01-HA-11-02		694-01-HA-12-02
		0 - 0.5		4.5 - 5		4.5 - 5
SW8280 - Dioxins and Furans (ng/g)						
2,3,7,8-TCDD	ND	(0.140)	ND	X (0.100)	[1]	(0.168)
HpCDD Totals	ND	(0.246)	0.0701	XJ (0.102)	[1]	(0.295)
HpCDF Totals	ND	(0.172)	ND	X (0.0870)	[1]	(0.222)
HxCDD Totals	ND	(0.165)	ND	X (0.0911)	[1]	(0.198)
HxCDF Totals	ND	(0.108)	ND	X (0.0600)	[1]	(0.129)
OCDD	ND	(0.494)	0.399	X (0.228)	[1]	(0.707)
OCDF	ND	(0.302)	ND	X (0.138)	[1]	(0.462)
PeCDD Totals	ND	(0.140)	ND	X (0.0922)	[1]	(0.174)
PeCDF Totals	ND	(0.0981)	ND	X (0.0736)	[1]	(0.122)
TCDD Totals	ND	(0.140)	ND	X (0.100)	[1]	(0.168)
TCDF Totals	ND	(0.120)	ND	X (0.0826)	[1]	(0.145)

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID		1		DD	
	01-HA-13		G94-01-HA-13-01		01-HA-13		DD-SS-02	
	0 - 0.5		0 - 0.5		4.5 - 5		0 - 0	
AK101 - Gasoline Range Organics (mg/kg)	NA				NA		72.0 F (5.00) [5]	11.0 F (5.00) [5]
Gasoline Range Organics								
AK102 - Diesel Range Organics (mg/kg)	NA				NA		110 (4.00) [1]	250 (8.00) [2]
Diesel Range Organics								
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)								
4,4'-DDD	NA				23900 (65.7) [200]		2980 (6.64) [20]	
4,4'-DDE	NA				187 (7.56) [20]		61.6 (7.64) [20]	
4,4'-DDT	NA				886 (8.06) [20]		736 (8.14) [20]	
Aldrin	NA				11.9 (9.03) [20]		ND (9.12) [20]	
Chlordane	NA				ND (43.7) [20]		ND (44.2) [20]	
Dieldrin	NA				110 P (8.94) [20]		38.7 P (9.03) [20]	
Endosulfan I	NA				ND (4.72) [20]		4.93 KJ (9.95) [20]	
Endosulfan II	NA				ND (8.28) [20]		ND (8.36) [20]	
Endosulfan Sulfate	NA				ND (10.9) [20]		ND (11.0) [20]	
Endrin	NA				ND (12.2) [20]		ND (12.3) [20]	
Endrin Aldehyde	NA				ND (13.7) [20]		ND (13.9) [20]	
Heptachlor	NA				0.243 KJ (14.2) [20]		ND (12.0) [20]	
Heptachlor epoxide	NA				ND (20.6) [20]		11.8 KJ (20.8) [20]	
Methoxychlor	NA				ND (86.9) [20]		ND (87.7) [20]	
PCB-1016	NA				ND (70.5) [20]		ND (71.2) [20]	
PCB-1221	NA				ND (63.4) [20]		ND (64.0) [20]	
PCB-1232	NA				ND (160) [20]		ND (162) [20]	
PCB-1242	NA				ND (58.6) [20]		ND (59.2) [20]	
PCB-1248	NA				ND (69.4) [20]		ND (70.1) [20]	
PCB-1254	NA				ND (27.8) [20]		ND (28.1) [20]	
PCB-1260	NA				ND (77.2) [20]		ND (77.9) [20]	
Toxaphene	NA				ND (124) [20]		ND (125) [20]	

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

NA = Not Detected

ND = Not Detected

* - Value considered suspect, Refer to QC Report

A15-2

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	1				1				1				1			
	01-HA-13				01-HA-13				01-HA-13				01-HA-13			
	G94-01-HA-13-01				G94-01-HA-13-02				G94-01-HA-13-02				G94-01-HA-13-02			
	0 - 0.5				4.5 - 5				0 - 0				0 - 0			
	DD				DD				DD				DD			
	DD-SS-01				DD-SS-01				DD-SS-01				DD-SS-02			
	G94-DD-SS-01				G94-DD-SS-01				G94-DD-SS-01				G94-DD-SS-02			
	0 - 0				0 - 0				0 - 0				0 - 0			
	0 - 0				0 - 0				0 - 0				0 - 0			
	0 - 0				0 - 0				0 - 0				0 - 0			
	0 - 0				0 - 0				0 - 0				0 - 0			
	0 - 0				0 - 0				0 - 0				0 - 0			
	0 - 0				0 - 0				0 - 0				0 - 0			
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	0 - 0				0 - 0</											

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	DD	DD	DD	DD	DD	DD	DD	DD	DD	MB
	DD-SS-03	DD-SS-04	DD-SS-05	DD-SS-06	DD-SS-07	DD-SS-08	DD-SS-09	DD-SS-10	DD-SS-11	DD-SS-12
	694-DD-SS-03	694-DD-SS-04	694-DD-SS-05	694-DD-SS-06	694-DD-SS-07	694-DD-SS-08	694-DD-SS-09	694-DD-SS-10	694-DD-SS-11	694-DD-SS-12
	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0	0 - 0.5
AK101 - Gasoline Range Organics (mg/kg)										
Gasoline Range Organics	18.0 F (	5.00)	[5]	2.00 J (	5.00)	[5]	4.00 J (	5.00)	[5]	NA
AK102 - Diesel Range Organics (mg/kg)										
Diesel Range Organics	410 (	8.00)	[2]	22.0 (	4.00)	[1]	94.0 (	4.00)	[1]	NA
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	12700 (	34.3)	[100]	917 (	3.18)	[10]	9450 (	33.0)	[100]	23.2 (
4,4'-DDE	168 (	7.91)	[20]	44.7 (	3.66)	[10]	134 (	7.61)	[20]	5.09 (
4,4'-DDT	1280 (	8.42)	[20]	368 (	3.90)	[10]	1240 (	8.10)	[20]	33.4 (
Aldrin	ND (	5.50)	[20]	ND (	4.37)	[10]	ND (	5.29)	[20]	ND (
Chlordane	ND (	45.7)	[20]	ND (	21.2)	[10]	ND (	44.0)	[20]	ND (
Dieldrin	74.1 P (	9.35)	[20]	14.2 P (	4.33)	[10]	60.0 P (	8.99)	[20]	7.33 (
Endosulfan I	ND (	4.93)	[20]	ND (	2.29)	[10]	ND (	4.75)	[20]	0.685 KJ (
Endosulfan II	ND (	8.65)	[20]	ND (	4.01)	[10]	ND (	8.32)	[20]	2.49 (
Endosulfan Sulfate	ND (	11.4)	[20]	ND (	5.29)	[10]	ND (	11.0)	[20]	2.10 (
Endrin	ND (	12.7)	[20]	ND (	5.90)	[10]	ND (	12.2)	[20]	ND (
Endrin Aldehyde	ND (	14.4)	[20]	ND (	6.66)	[10]	ND (	13.8)	[20]	0.911 KJB (
Heptachlor	ND (	12.5)	[20]	ND (	5.77)	[10]	ND (	12.0)	[20]	0.225 KJ (
Heptachlor epoxide	15.4 KJ (	21.5)	[20]	ND (	9.96)	[10]	ND (	20.7)	[20]	0.319 KJ (
Methoxychlor	ND (	90.8)	[20]	ND (	42.1)	[10]	2.58 KJ (	20.7)	[20]	1.77 KJ (
PCB-1016	ND (	73.6)	[20]	ND (	34.1)	[10]	ND (	87.3)	[20]	ND (
PCB-1221	ND (	66.2)	[20]	ND (	30.7)	[10]	ND (	70.9)	[20]	ND (
PCB-1232	ND (	167)	[20]	ND (	77.6)	[10]	ND (	63.7)	[20]	ND (
PCB-1242	ND (	61.3)	[20]	ND (	28.4)	[10]	ND (	161)	[20]	ND (
PCB-1248	ND (	72.5)	[20]	ND (	33.6)	[10]	ND (	58.9)	[20]	ND (
PCB-1254	ND (	29.1)	[20]	ND (	13.5)	[10]	ND (	69.8)	[20]	ND (
PCB-1260	ND (	80.6)	[20]	ND (	37.4)	[10]	ND (	28.0)	[20]	ND (
Toxaphene	ND (	130)	[20]	ND (	60.0)	[10]	ND (	77.6)	[20]	ND (
								125)	[20]	ND (

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

*

Value considered suspect, Refer to QC Report

A15-4

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	DD	DD	DD	DD	DD	DD	DD	MB
	DD-SS-03	DD-SS-04	DD-SS-05	DD-SS-01				
	G94-DD-SS-03	G94-DD-SS-04	G94-DD-SS-05	G94-MB-SS-01				
	0 - 0	0 - 0	0 - 0	0 - 0.5				
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)								
alpha-BHC	ND (6.58)	ND (3.05)	ND (6.33)	ND (1.59)				
beta-BHC	ND (9.30)	ND (4.31)	ND (8.95)	ND (2.25)				
delta-BHC	ND (5.36)	ND (2.48)	ND (5.16)	ND (1.30)				
gamma-BHC	ND (4.10)	ND (1.90)	18.7 (3.94)	ND (0.993)				

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-5

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
	SAMPLE ID				SAMPLE ID				SAMPLE ID			
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	350	(6.63)	[20]	278	(33.4)	[100]	142	(6.81)	[20]	129	(6.26)	[20]
4,4'-DDE	52.0	(7.63)	[20]	115	(38.5)	[100]	71.8	(7.83)	[20]	52.9	(7.20)	[20]
4,4'-DDT	625	(8.13)	[20]	542	(41.0)	[100]	949	(8.35)	[20]	547	(7.67)	[20]
Aldrin	ND	(5.30)	[20]	62.0	(45.9)	[100]	ND	(9.35)	[20]	ND	(5.17)	[20]
Chlordane	ND	(44.1)	[20]	ND	(223)	[100]	ND	(45.3)	[20]	ND	(41.6)	[20]
Dieldrin	87.5	(6.22)	[20]	ND	(45.5)	[100]	29.7 P	(9.26)	[20]	27.0	(5.87)	[20]
Endosulfan I	ND	(4.76)	[20]	ND	(24.0)	[100]	ND	(4.89)	[20]	3.98 KJ	(9.68)	[20]
Endosulfan II	ND	(8.35)	[20]	ND	(42.1)	[100]	ND	(8.57)	[20]	ND	(7.88)	[20]
Endosulfan Sulfate	ND	(11.0)	[20]	ND	(55.6)	[100]	ND	(11.3)	[20]	ND	(10.4)	[20]
Endrin	2.21 KJB	(16.8)	[20]	ND	(84.8)	[100]	ND	(17.3)	[20]	ND	(15.9)	[20]
Endrin Aldehyde	4.29 KJ	(13.2)	[20]	ND	(70.0)	[100]	2.50 KJ	(13.5)	[20]	ND	(13.1)	[20]
Heptachlor	0.153 KJ	(14.3)	[20]	ND	(60.6)	[100]	1.12 KJ	(12.3)	[20]	ND	(11.3)	[20]
Heptachlor epoxide	3.05 PJ	(4.17)	[20]	ND	(105)	[100]	ND	(21.3)	[20]	ND	(19.6)	[20]
Methoxychlor	ND	(87.6)	[20]	ND	(442)	[100]	ND	(90.0)	[20]	ND	(82.7)	[20]
PCB-1016	ND	(71.1)	[20]	ND	(359)	[100]	ND	(73.0)	[20]	ND	(67.1)	[20]
PCB-1221	ND	(63.9)	[20]	ND	(322)	[100]	ND	(65.6)	[20]	ND	(60.3)	[20]
PCB-1232	ND	(162)	[20]	ND	(815)	[100]	ND	(166)	[20]	ND	(152)	[20]
PCB-1242	ND	(59.1)	[20]	ND	(298)	[100]	ND	(60.7)	[20]	ND	(55.8)	[20]
PCB-1248	ND	(70.0)	[20]	ND	(353)	[100]	ND	(71.9)	[20]	ND	(66.1)	[20]
PCB-1254	ND	(28.0)	[20]	ND	(141)	[100]	ND	(28.8)	[20]	ND	(26.5)	[20]
PCB-1260	ND	(77.8)	[20]	ND	(393)	[100]	ND	(79.9)	[20]	ND	(73.4)	[20]
Toxaphene	ND	(125)	[20]	ND	(630)	[100]	ND	(128)	[20]	ND	(118)	[20]
alpha-BHC	ND	(6.35)	[20]	ND	(32.0)	[100]	ND	(6.52)	[20]	ND	(5.99)	[20]
beta-BHC	ND	(8.98)	[20]	ND	(45.3)	[100]	ND	(9.22)	[20]	ND	(8.47)	[20]
delta-BHC	ND	(5.17)	[20]	ND	(26.1)	[100]	ND	(5.31)	[20]	ND	(4.88)	[20]
gamma-BHC	ND	(3.96)	[20]	ND	(20.0)	[100]	ND	(4.06)	[20]	ND	(3.73)	[20]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-6

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	MB MB-SS-06 G94-MB-SS-06 0 - 0.5	MB MB-SS-07 G94-MB-SS-07 0 - 0.5	MB MB-SS-08 G94-MB-SS-08 0 - 0.5	MB MB-SS-09 G94-MB-SS-09 0 - 0.5		
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)						
4,4'-DDD	2930 (43.3) [100]	275 (7.61) [20]	170 (1.66) [5]	431 (3.24) [10]		
4,4'-DDE	597 (49.8) [100]	28.0 (8.75) [20]	39.4 (1.91) [5]	120 (3.73) [10]		
4,4'-DDT	13400 (53.0) [100]	363 (9.33) [20]	112 (2.04) [5]	1180 (3.97) [10]		
Aldrin	ND (34.6) [100]	ND (10.4) [20]	ND (2.28) [5]	ND (4.45) [10]		
Chlordane	ND (288) [100]	ND (50.6) [20]	ND (11.1) [5]	ND (21.6) [10]		
Dieldrin	484 (40.6) [100]	ND (10.3) [20]	24.0 (1.56) [5]	9.15 (3.04) [10]		
Endosulfan I	35.5 KJ (64.8) [100]	ND (5.46) [20]	ND (1.19) [5]	4.45 KJ (4.86) [10]		
Endosulfan II	ND (54.5) [100]	ND (9.58) [20]	ND (2.09) [5]	ND (4.08) [10]		
Endosulfan Sulfate	ND (71.9) [100]	ND (12.6) [20]	ND (2.76) [5]	5.46 KJ (10.8) [10]		
Endrin	ND (110) [100]	ND (19.3) [20]	1.38 KJB (4.21) [5]	3.76 KJ (8.21) [10]		
Endrin Aldehyde	ND (90.5) [100]	ND (15.9) [20]	ND (3.48) [5]	0.611 KJ (6.44) [10]		
Heptachlor	ND (78.4) [100]	ND (13.8) [20]	ND (3.02) [5]	ND (5.88) [10]		
Heptachlor epoxide	10.5 KJ (135) [100]	ND (23.8) [20]	ND (5.20) [5]	ND (10.1) [10]		
Methoxychlor	ND (572) [100]	ND (100) [20]	ND (22.0) [5]	ND (42.8) [10]		
PCB-1016	ND (464) [100]	ND (81.5) [20]	ND (17.8) [5]	ND (34.8) [10]		
PCB-1221	ND (417) [100]	ND (73.3) [20]	ND (16.0) [5]	ND (31.2) [10]		
PCB-1232	ND (1050) [100]	ND (185) [20]	ND (40.5) [5]	ND (79.0) [10]		
PCB-1242	ND (386) [100]	ND (67.8) [20]	ND (14.8) [5]	ND (28.9) [10]		
PCB-1248	ND (457) [100]	ND (80.3) [20]	ND (17.6) [5]	ND (34.2) [10]		
PCB-1254	ND (183) [100]	ND (32.2) [20]	ND (7.03) [5]	ND (13.7) [10]		
PCB-1260	ND (508) [100]	ND (89.3) [20]	ND (19.5) [5]	ND (38.0) [10]		
Toxaphene	ND (816) [100]	ND (143) [20]	ND (31.4) [5]	ND (61.1) [10]		
alpha-BHC	ND (41.4) [100]	ND (7.28) [20]	ND (1.59) [5]	ND (3.10) [10]		
beta-BHC	ND (58.6) [100]	ND (10.3) [20]	ND (2.25) [5]	ND (4.39) [10]		
delta-BHC	ND (33.8) [100]	ND (5.94) [20]	ND (1.30) [5]	ND (2.53) [10]		
gamma-BHC	ND (25.8) [100]	ND (4.54) [20]	ND (0.992) [5]	ND (1.93) [10]		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-7

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID															
	LOCATION ID				BEG. DEPTH - END DEPTH (FT.)											
	SAMPLE ID				MB				MB							
	MB				MB				MB							
	MB-SS-10				MB-SS-11				MB-SS-12				MB-SS-13			
	G94-MB-SS-10				G94-MB-SS-11				G94-MB-SS-12				G94-MB-SS-13			
	0 - 0.5				0 - 0.5				0 - 0.5				0 - 0.5			

SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																
4,4'-DDD	37800	(131)	[400]	176	(3.48)	[10]	1180	(3.47)	[10]	35.0	(1.74)	[5]				
4,4'-DDE	1280	(151)	[400]	67.4	(4.00)	[10]	56.9	(3.99)	[10]	8.62	(2.00)	[5]				
4,4'-DDT	81900	(161)	[400]	1170	(4.26)	[10]	376	(4.25)	[10]	42.9	(2.13)	[5]				
Aldrin	ND	(180)	[400]	ND	(2.78)	[10]	ND	(2.78)	[10]	ND	(1.39)	[5]				
Chlordane	ND	(874)	[400]	ND	(23.1)	[10]	ND	(23.1)	[10]	ND	(11.6)	[5]				
Dieldrin	490 P	(179)	[400]	34.1	(3.26)	[10]	58.8	(3.25)	[10]	11.7 P	(1.63)	[5]				
Endosulfan I	ND	(94.3)	[400]	3.28 KJ	(5.21)	[10]	ND	(2.49)	[10]	ND	(1.25)	[5]				
Endosulfan II	ND	(165)	[400]	ND	(4.38)	[10]	ND	(4.37)	[10]	ND	(2.19)	[5]				
Endosulfan Sulfate	ND	(218)	[400]	ND	(5.78)	[10]	2.98 KJ	(11.6)	[10]	3.19 KJ	(5.82)	[5]				
Endrin	199 KJ	(333)	[400]	ND	(8.81)	[10]	8.89	(8.79)	[10]	ND	(3.22)	[5]				
Endrin Aldehyde	ND	(275)	[400]	1.42 KJ	(6.91)	[10]	4.23 KJ	(7.26)	[10]	ND	(3.64)	[5]				
Heptachlor	ND	(238)	[400]	0.648 KJ	(7.50)	[10]	ND	(6.29)	[10]	3.51 KJ	(3.75)	[5]				
Heptachlor epoxide	ND	(411)	[400]	ND	(10.9)	[10]	ND	(10.9)	[10]	1.26 P	(1.09)	[5]				
Methoxychlor	ND	(1740)	[400]	ND	(46.0)	[10]	ND	(45.8)	[10]	ND	(23.0)	[5]				
PCB-1016	ND	(1410)	[400]	ND	(37.3)	[10]	ND	(37.2)	[10]	ND	(18.6)	[5]				
PCB-1221	ND	(1270)	[400]	ND	(33.5)	[10]	ND	(33.4)	[10]	ND	(16.8)	[5]				
PCB-1232	ND	(3200)	[400]	ND	(84.7)	[10]	ND	(84.5)	[10]	ND	(42.4)	[5]				
PCB-1242	ND	(1170)	[400]	ND	(31.0)	[10]	ND	(30.9)	[10]	ND	(15.5)	[5]				
PCB-1248	ND	(1390)	[400]	ND	(36.7)	[10]	ND	(36.6)	[10]	ND	(18.4)	[5]				
PCB-1254	ND	(555)	[400]	ND	(14.7)	[10]	ND	(14.7)	[10]	ND	(7.35)	[5]				
PCB-1260	ND	(1540)	[400]	ND	(40.8)	[10]	ND	(40.7)	[10]	ND	(20.4)	[5]				
Toxaphene	ND	(2480)	[400]	ND	(65.6)	[10]	ND	(65.4)	[10]	ND	(32.8)	[5]				
alpha-BHC	ND	(126)	[400]	ND	(3.33)	[10]	ND	(3.32)	[10]	ND	(1.66)	[5]				
beta-BHC	ND	(178)	[400]	ND	(4.71)	[10]	ND	(4.70)	[10]	ND	(2.35)	[5]				
delta-BHC	ND	(102)	[400]	ND	(2.71)	[10]	ND	(2.71)	[10]	ND	(1.36)	[5]				
gamma-BHC	ND	(78.4)	[400]	ND	(2.08)	[10]	11.9	(2.07)	[10]	10.2	(1.04)	[5]				

Compiled: 15 March 1995

() = Detection Limit

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NA = Not Applicable

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A15-8

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	MB	MB	MB	MB	MB	MB	MB	MB
	MB-SS-14	MB-SS-15	MB-SS-16	MB-SS-17	MB-SS-14	MB-SS-15	MB-SS-16	MB-SS-17
	G94-MB-SS-14	G94-MB-SS-15	G94-MB-SS-16	G94-MB-SS-17	G94-MB-SS-14	G94-MB-SS-15	G94-MB-SS-16	G94-MB-SS-17
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)								
4,4'-DDD	245 (1.89)	79.1 (10.8)	1510 (31.1)	179 (12.9)	245 (1.89)	79.1 (10.8)	1510 (31.1)	179 (12.9)
4,4'-DDE	49.6 (2.18)	40.0 (12.5)	507 (35.8)	32.2 (14.8)	49.6 (2.18)	40.0 (12.5)	507 (35.8)	32.2 (14.8)
4,4'-DDT	80.9 (2.32)	127 (13.3)	3510 (38.2)	325 (15.8)	80.9 (2.32)	127 (13.3)	3510 (38.2)	325 (15.8)
Aldrin	ND (1.51)	ND (8.67)	ND (24.9)	21.2 (17.7)	ND (1.51)	ND (8.67)	ND (24.9)	21.2 (17.7)
Chlordane	ND (12.6)	ND (72.1)	ND (207)	ND (85.7)	ND (12.6)	ND (72.1)	ND (207)	ND (85.7)
Dieldrin	10.9 P (2.57)	ND (10.2)	338 (29.2)	63.9 (12.1)	10.9 P (2.57)	ND (10.2)	338 (29.2)	63.9 (12.1)
Endosulfan I	ND (1.36)	ND (7.78)	ND (22.3)	ND (9.24)	ND (1.36)	ND (7.78)	ND (22.3)	ND (9.24)
Endosulfan II	ND (2.38)	ND (13.6)	ND (39.2)	ND (16.2)	ND (2.38)	ND (13.6)	ND (39.2)	ND (16.2)
Endosulfan Sulfate	ND (3.15)	17.6 KJ (36.2)	ND (51.7)	ND (21.4)	ND (3.15)	17.6 KJ (36.2)	ND (51.7)	ND (21.4)
Endrin	2.72 KJB (4.80)	ND (27.5)	ND (78.9)	ND (32.6)	2.72 KJB (4.80)	ND (27.5)	ND (78.9)	ND (32.6)
Endrin Aldehyde	ND (3.96)	ND (22.7)	ND (61.8)	ND (26.9)	ND (3.96)	ND (22.7)	ND (61.8)	ND (26.9)
Heptachlor	ND (3.43)	ND (19.6)	ND (56.4)	ND (23.3)	ND (3.43)	ND (19.6)	ND (56.4)	ND (23.3)
Heptachlor epoxide	ND (5.92)	2.90 PJ (33.9)	ND (97.3)	ND (40.3)	ND (5.92)	2.90 PJ (33.9)	ND (97.3)	ND (40.3)
Methoxychlor	ND (38.8)	ND (143)	ND (411)	ND (170)	ND (38.8)	ND (143)	ND (411)	ND (170)
PCB-1016	ND (20.3)	ND (116)	ND (334)	ND (138)	ND (20.3)	ND (116)	ND (334)	ND (138)
PCB-1221	ND (18.2)	ND (104)	ND (300)	ND (124)	ND (18.2)	ND (104)	ND (300)	ND (124)
PCB-1232	ND (46.1)	ND (264)	ND (758)	ND (314)	ND (46.1)	ND (264)	ND (758)	ND (314)
PCB-1242	ND (16.9)	ND (96.6)	ND (278)	ND (115)	ND (16.9)	ND (96.6)	ND (278)	ND (115)
PCB-1248	ND (20.0)	ND (114)	ND (329)	ND (136)	ND (20.0)	ND (114)	ND (329)	ND (136)
PCB-1254	ND (8.00)	ND (45.8)	ND (132)	ND (54.4)	ND (8.00)	ND (45.8)	ND (132)	ND (54.4)
PCB-1260	ND (22.2)	ND (127)	ND (365)	ND (151)	ND (22.2)	ND (127)	ND (365)	ND (151)
Toxaphene	ND (35.7)	ND (204)	ND (587)	ND (243)	ND (35.7)	ND (204)	ND (587)	ND (243)
alpha-BHC	ND (1.81)	ND (10.4)	ND (29.8)	ND (12.3)	ND (1.81)	ND (10.4)	ND (29.8)	ND (12.3)
beta-BHC	ND (2.56)	ND (14.7)	ND (42.1)	ND (17.4)	ND (2.56)	ND (14.7)	ND (42.1)	ND (17.4)
delta-BHC	ND (1.48)	ND (8.45)	ND (24.3)	ND (10.0)	ND (1.48)	ND (8.45)	ND (24.3)	ND (10.0)
gamma-BHC	ND (1.13)	ND (6.47)	ND (18.6)	ND (7.68)	ND (1.13)	ND (6.47)	ND (18.6)	ND (7.68)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

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* - Value considered suspect, Refer to QC Report

A15-9

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID		SAMPLE ID		
	MB-SS-18 G94-MB-SS-18 0 - 0.5	MB-SS-19 G94-MB-SS-19 0 - 0.5	MB-SS-20 G94-MB-SS-20 0 - 0.5	MB-SS-21 G94-MB-SS-21 0 - 0.5	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)					
4,4'-DDD	158 (12.9) [40]	2920 (35.4) [100]	5810 (31.9) [100]	105 (6.97) [20]	
4,4'-DDE	33.1 (14.8) [40]	1950 (40.7) [100]	249 (36.7) [100]	94.6 (8.02) [20]	
4,4'-DDT	272 (15.8) [40]	8450 (43.4) [100]	8540 (39.1) [100]	861 (8.55) [20]	
Aldrin	ND (17.7) [40]	ND (48.6) [100]	ND (43.8) [100]	ND (5.58) [20]	
Chlordane	ND (85.8) [40]	ND (235) [100]	ND (212) [100]	ND (46.4) [20]	
Dieldrin	ND (17.5) [40]	409 (33.2) [100]	109 P (43.4) [100]	26.5 (6.54) [20]	
Endosulfan I	ND (9.26) [40]	22.1 KJ (53.0) [100]	ND (22.9) [100]	ND (5.01) [20]	
Endosulfan II	ND (16.2) [40]	ND (44.5) [100]	ND (40.2) [100]	ND (8.78) [20]	
Endosulfan Sulfate	ND (21.4) [40]	ND (58.8) [100]	ND (53.0) [100]	ND (11.6) [20]	
Endrin	ND (32.7) [40]	23.4 KJ (89.7) [100]	32.5 KJ (80.9) [100]	ND (17.7) [20]	
Endrin Aldehyde	ND (27.0) [40]	ND (74.0) [100]	ND (66.7) [100]	ND (14.6) [20]	
Heptachlor	ND (23.4) [40]	ND (64.2) [100]	ND (57.8) [100]	ND (12.6) [20]	
Heptachlor epoxide	ND (40.3) [40]	ND (111) [100]	ND (99.8) [100]	3.27 KJ (4.39) [20]	
Methoxychlor	ND (170) [40]	ND (468) [100]	ND (422) [100]	ND (92.1) [20]	
PCB-1016	ND (138) [40]	ND (379) [100]	ND (342) [100]	ND (74.7) [20]	
PCB-1221	ND (124) [40]	ND (341) [100]	ND (308) [100]	ND (67.2) [20]	
PCB-1232	ND (314) [40]	ND (862) [100]	ND (777) [100]	ND (170) [20]	
PCB-1242	ND (115) [40]	ND (316) [100]	ND (285) [100]	ND (62.2) [20]	
PCB-1248	ND (136) [40]	ND (374) [100]	ND (337) [100]	ND (73.6) [20]	
PCB-1254	ND (54.5) [40]	ND (150) [100]	ND (135) [100]	ND (29.5) [20]	
PCB-1260	ND (151) [40]	ND (415) [100]	ND (374) [100]	ND (81.8) [20]	
Toxaphene	ND (243) [40]	ND (667) [100]	ND (601) [100]	ND (131) [20]	
alpha-BHC	ND (12.3) [40]	ND (33.9) [100]	ND (30.5) [100]	ND (6.67) [20]	
beta-BHC	ND (17.5) [40]	ND (47.9) [100]	ND (43.2) [100]	ND (9.44) [20]	
delta-BHC	ND (10.1) [40]	ND (27.6) [100]	ND (24.9) [100]	ND (5.44) [20]	
gamma-BHC	ND (7.70) [40]	ND (21.1) [100]	ND (19.0) [100]	ND (4.16) [20]	

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

*

Value considered suspect, Refer to QC Report

A15-10

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID										
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		P0		P0		
							P0-SS-01		P0-SS-02		
							G94-P0-SS-01		G94-P0-SS-02		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

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A15-11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

Compiled: 15 March 1995

A15-12

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID				
LOCATION ID				
SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)				
PARAMETER	MB MB-SS-22 G94-MB-SS-22 0 - 0.5	MB MB-SS-23 G94-MB-SS-23 0 - 0.5	PO PO-SS-01 G94-PO-SS-01 0 - 0.5	PO PO-SS-02 G94-PO-SS-02 0 - 0.5

SW8240 - Volatile Organics, cont. (ug/kg)				
Methyl ethyl ketone	NA	NA	ND (1.56) [1]	ND (1.47) [1]
Methylene Chloride	NA	NA	1.89 J (2.67) [1]	3.89 (2.52) [1]
Styrene	NA	NA	ND (1.66) [1]	ND (1.56) [1]
Tetrachloroethene	NA	NA	ND (4.86) [1]	ND (4.59) [1]
Toluene	NA	NA	ND (1.74) [1]	ND (1.64) [1]
Tribromomethane(Bromoform)	NA	NA	ND (1.55) [1]	ND (1.46) [1]
Trichloroethene	NA	NA	ND (4.97) [1]	ND (4.69) [1]
Vinyl Chloride	NA	NA	ND (2.12) [1]	ND (2.00) [1]
Vinyl acetate	NA	NA	ND (11.2) [1]	ND (10.6) [1]
Xylene (total)	NA	NA	ND (3.72) [1]	ND (3.52) [1]
cis-1,2-Dichloroethene	NA	NA	ND (1.93) [1]	ND (1.83) [1]
cis-1,3-Dichloropropene	NA	NA	ND (1.64) [1]	ND (1.55) [1]
trans-1,2-Dichloroethene	NA	NA	ND (2.38) [1]	ND (2.25) [1]
trans-1,3-Dichloropropene	NA	NA	ND (1.78) [1]	ND (1.68) [1]

SW8270 - Semivolatile Organics (ug/g)				
1,2,4-Trichlorobenzene	NA	NA	ND (0.00775) [1]	ND (0.00738) [1]
1,2-Dichlorobenzene	NA	NA	ND (0.0259) [1]	ND (0.0247) [1]
1,3-Dichlorobenzene	NA	NA	ND (0.0288) [1]	ND (0.0274) [1]
1,4-Dichlorobenzene	NA	NA	ND (0.0286) [1]	ND (0.0272) [1]
2,4,5-Trichlorophenol	NA	NA	ND (0.0237) [1]	ND (0.0225) [1]
2,4,6-Trichlorophenol	NA	NA	ND (0.0196) [1]	ND (0.0187) [1]
2,4-Dichlorophenol	NA	NA	ND (0.0235) [1]	ND (0.0223) [1]
2,4-Dimethylphenol	NA	NA	ND (0.0513) [1]	ND (0.0488) [1]
2,4-Dinitrophenol	NA	NA	ND (0.105) [1]	ND (0.0996) [1]
2,4-Dinitrotoluene	NA	NA	ND (0.0311) [1]	ND (0.0296) [1]
2,6-Dinitrotoluene	NA	NA	ND (0.0424) [1]	ND (0.0404) [1]
2-Chloronaphthalene	NA	NA	ND (0.0363) [1]	ND (0.0346) [1]

Compiled: 15 March 1995

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A15-13

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	LOCATION ID		SAMPLE ID					
	MB	MB	MB	MB	MB	MB	PO	PO
	MB-SS-22	MB-SS-23	MB-SS-22	MB-SS-23	MB-SS-01	MB-SS-02	PO-SS-01	PO-SS-02
	694-MB-SS-22	694-MB-SS-23	694-MB-SS-22	694-MB-SS-23	694-PO-SS-01	694-PO-SS-02	694-PO-SS-01	694-PO-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8270 - Semivolatile Organics, cont. (ug/g)								
2-Chlorophenol	NA	NA	NA	NA	ND	ND	(0.0132)	(0.0126)
2-Methylnaphthalene	NA	NA	NA	NA	ND	ND	(0.0244)	(0.0233)
2-Methylphenol	NA	NA	NA	NA	ND	ND	(0.0319)	(0.0304)
2-Nitroaniline	NA	NA	NA	NA	ND	ND	(0.0323)	(0.0307)
2-Nitrophenol	NA	NA	NA	NA	ND	ND	(0.0172)	(0.0163)
3,3'-Dichlorobenzidine	NA	NA	NA	NA	ND	ND	(0.0440)	(0.0419)
3-Nitroaniline	NA	NA	NA	NA	ND	ND	(0.0130)	(0.0124)
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	ND	ND	(0.0295)	(0.0281)
4-Bromophenyl phenyl ether	NA	NA	NA	NA	ND	ND	(0.0246)	(0.0235)
4-Chloro-3-methylphenol	NA	NA	NA	NA	ND	ND	(0.0185)	(0.0176)
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	ND	ND	(0.0296)	(0.0282)
4-Methylphenol/3-Methylphenol	NA	NA	NA	NA	ND	ND	(0.0501)	(0.0477)
4-Nitroaniline	NA	NA	NA	NA	ND	ND	(0.0242)	(0.0230)
4-Nitrophenol	NA	NA	NA	NA	ND	ND	(0.0255)	(0.0243)
Acenaphthene	NA	NA	NA	NA	ND	ND	(0.0195)	(0.0185)
Acenaphthylene	NA	NA	NA	NA	ND	ND	(0.0266)	(0.0253)
Anthracene	NA	NA	NA	NA	ND	ND	(0.0218)	(0.0207)
Benzo(a)anthracene	NA	NA	NA	NA	ND	ND	(0.0141)	(0.0134)
Benzo(a)pyrene	NA	NA	NA	NA	ND	ND	(0.0218)	(0.0208)
Benzo(b)fluoranthene	NA	NA	NA	NA	ND	ND	(0.0387)	(0.0369)
Benzo(g,h,i)perylene	NA	NA	NA	NA	ND	ND	(0.0224)	(0.0213)
Benzo(k)fluoranthene	NA	NA	NA	NA	ND	ND	(0.0331)	(0.0315)
Benzoic acid	NA	NA	NA	NA	ND	ND	(0.121)	(0.115)
Benzyl alcohol	NA	NA	NA	NA	ND	ND	(0.0582)	(0.0554)
Butylbenzylphthalate	NA	NA	NA	NA	ND	ND	(0.0303)	(0.0289)
Chrysene	NA	NA	NA	NA	ND	ND	(0.0236)	(0.0225)
Di-n-octylphthalate	NA	NA	NA	NA	ND	ND	(0.0235)	(0.0224)
Dibenz(a,h)anthracene	NA	NA	NA	NA	ND	ND	(0.0276)	(0.0263)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-14

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						
	MB	MB	MB	P0	P0	P0
	MB-SS-22	MB-SS-23	MB-SS-23	P0-SS-01	P0-SS-02	P0-SS-02
	G94-MB-SS-22	G94-MB-SS-23	G94-MB-SS-23	G94-P0-SS-01	G94-P0-SS-02	G94-P0-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
PARAMETER						

SW8270 - Semivolatile Organics, cont. (ug/g)						
Dibenzofuran	NA	NA	NA	ND (0.0158)	ND (0.0150)	ND (0.0150)
Dibutylphthalate	NA	NA	NA	ND (0.0125)	ND (0.0119)	ND (0.0119)
Diethylphthalate	NA	NA	NA	ND (0.0149)	ND (0.0142)	ND (0.0142)
Dimethylphthalate	NA	NA	NA	ND (0.0190)	ND (0.0181)	ND (0.0181)
Diphenylamine	NA	NA	NA	ND (0.0309)	ND (0.0294)	ND (0.0294)
Fluoranthene	NA	NA	NA	ND (0.0172)	ND (0.0163)	ND (0.0163)
Fluorene	NA	NA	NA	ND (0.0139)	ND (0.0133)	ND (0.0133)
Hexachlorobenzene	NA	NA	NA	ND (0.0213)	ND (0.0203)	ND (0.0203)
Hexachlorobutadiene	NA	NA	NA	ND (0.0265)	ND (0.0253)	ND (0.0253)
Hexachlorocyclopentadiene	NA	NA	NA	ND (0.0662)	ND (0.0631)	ND (0.0631)
Hexachloroethane	NA	NA	NA	ND (0.0404)	ND (0.0385)	ND (0.0385)
Indeno(1,2,3-cd)pyrene	NA	NA	NA	ND (0.0194)	ND (0.0185)	ND (0.0185)
Isophorone	NA	NA	NA	ND (0.0122)	ND (0.0116)	ND (0.0116)
N-Nitroso-di-n-propylamine	NA	NA	NA	ND (0.0317)	ND (0.0302)	ND (0.0302)
Naphthalene	NA	NA	NA	ND (0.0270)	ND (0.0257)	ND (0.0257)
Nitrobenzene	NA	NA	NA	ND (0.0157)	ND (0.0150)	ND (0.0150)
Pentachlorophenol	NA	NA	NA	ND (0.00775)	ND (0.00738)	ND (0.00738)
Phenanthrene	NA	NA	NA	ND (0.0224)	ND (0.0213)	ND (0.0213)
Phenol	NA	NA	NA	ND (0.0408)	ND (0.0388)	ND (0.0388)
Pyrene	NA	NA	NA	ND (0.0187)	ND (0.0178)	ND (0.0178)
bis(2-Chloroethoxy)methane	NA	NA	NA	ND (0.0135)	ND (0.0128)	ND (0.0128)
bis(2-Chloroethyl)ether	NA	NA	NA	ND (0.0188)	ND (0.0179)	ND (0.0179)
bis(2-Chloroisopropyl)ether	NA	NA	NA	ND (0.0231)	ND (0.0220)	ND (0.0220)
bis(2-Ethylhexyl)phthalate	NA	NA	NA	ND (0.0662)	0.103 (0.0631)	ND (0.0631)
p-Chloroaniline	NA	NA	NA	ND (0.0396)	ND (0.0377)	ND (0.0377)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-15

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
	BEG. DEPTH - END DEPTH (FT.)			
ASTMD2216 - Modified (percent) Percent moisture	1	1	1	1
	01-HA-11	01-HA-11	01-HA-12	01-HA-12
	694-01-HA-11-01	694-01-HA-11-02	694-01-HA-12-01	694-01-HA-12-02
	0 - 0.5	4.5 - 5	0 - 0.5	4.5 - 5
	7.72 (0.00) [1]	26.7 (0.00) [1]	7.69 (0.00) [1]	26.3 (0.00) [1]

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID															
	LOCATION ID															
	SAMPLE ID															
	BEG. DEPTH - END DEPTH (FT.)															
	11.4	(	0.00)	[1]	10.7	(	0.00)	[1]	8.32	(	0.00)	[1]	8.71	(	0.00)	[1]

	1															
	01-HA-13															
	G94-01-HA-13-01															
	0 - 0.5															

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-2

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

[illegible]

* - Value considered suspect, Refer to QC Report A16-3

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID															
	LOCATION ID															
	SAMPLE ID															
	BEG. DEPTH - END DEPTH (FT.)															
-----	MB				MB				MB				MB			
	MB-SS-02				MB-SS-03				MB-SS-04				MB-SS-05			
	G94-MB-SS-02				G94-MB-SS-03				G94-MB-SS-04				G94-MB-SS-05			
	0 - 0.5				0 - 0.5				0 - 0.5				0 - 0.5			
ASTMD2216 - Modified (percent)	9.34	(	0.00)	[1]	9.60	(	0.00)	[1]	11.6	(	0.00)	[1]	3.17	(	0.00)	[1]
Percent moisture																

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-4

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID																			
	LOCATION ID				SAMPLE ID				BEG. DEPTH - END DEPTH (FT.)											
ASTMD2216 - Modified																				
Percent moisture																				
									</											

Compiled: 15 March 1995

() = Detection Limit

[] =

Dilution Factor

ND =

Not Detected

NA =

Not Applicable

* =

Value considered suspect, Refer to QC Report

A16-5

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
	MB-SS-10	MB-SS-11	MB-SS-12	MB-SS-13	MB-SS-10	MB-SS-11	MB-SS-12	MB-SS-13	MB-SS-10	MB-SS-11	MB-SS-12	MB-SS-13
	G94-MB-SS-10	G94-MB-SS-11	G94-MB-SS-12	G94-MB-SS-13	G94-MB-SS-10	G94-MB-SS-11	G94-MB-SS-12	G94-MB-SS-13	G94-MB-SS-10	G94-MB-SS-11	G94-MB-SS-12	G94-MB-SS-13
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
ASTMD2216 - Modified (percent)	7.89	(	0.00)	[1]	13.1	(	0.00)	[1]	13.1	(	0.00)	[1]
Percent moisture												

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-6

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)					
	MB	MB	MB	MB	MB	MB
	MB-SS-14	MB-SS-15	MB-SS-16	MB-SS-17		
	G94-MB-SS-14	G94-MB-SS-15	G94-MB-SS-16	G94-MB-SS-17		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
ASTMD2216 - Modified (percent)						
Percent moisture	20.0	45.2	3.99	6.34		
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
	[1]	[1]	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-7

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	MB	MB	MB	MB
	MB-SS-18	MB-SS-19	MB-SS-20	MB-SS-21
	G94-MB-SS-18	G94-MB-SS-19	G94-MB-SS-20	G94-MB-SS-21
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

ASTMD2216 - Modified (percent)	7.51	(0.00)	[1]	14.2 (0.00) [1]
Percent moisture				5.72 (0.00) [1]
				14.4 (0.00) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-8

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID																		
LOCATION ID																		
SAMPLE ID																		
BEG. DEPTH - END DEPTH (FT.)																		
MB																		
MB-SS-22																		
G94-MB-SS-22																		
0 - 0.5																		
MB																		
MB-SS-23																		
G94-MB-SS-23																		
0 - 0.5																		
P0																		
P0-SS-01																		
G94-P0-SS-01																		
0 - 0.5																		
P0																		
P0-SS-02																		
G94-P0-SS-02																		
0 - 0.5																		
PARAMETER	16.4	(	0.00)	[1]	31.3	(	0.00)	[1]	17.8	(	0.00)	[1]	13.8	(	0.00)	[1]
ASTMD2216 - Modified (percent)																		
Percent moisture																		
SW6010 - Metals (mg/kg)																		
Aluminum	NA				NA				10200	(	2.56)	[1]	9910	(	2.60)	[1]
Antimony	NA				NA				-4.40	J	(5.44)	[1]	1.22	J	(5.53)	[1]
Arsenic	NA				NA				-1.47	J	(3.22)	[1]	6.00	(3.27)	[1]	
Barium	NA				NA				147	(	0.0647)	[1]	146	(	0.0657)	[1]
Beryllium	NA				NA				0.310	(	0.0306)	[1]	0.322	(	0.0310)	[1]
Cadmium	NA				NA				-0.00278	J	(0.346)	[1]	0.507	(0.351)	[1]	
Calcium	NA				NA				15200	(	1.27)	[1]	14500	(	1.29)	[1]
Chromium	NA				NA				20.3	(	0.183)	[1]	19.8	(	0.186)	[1]
Cobalt	NA				NA				9.04	(	0.500)	[1]	9.17	(	0.508)	[1]
Copper	NA				NA				17.1	(	0.466)	[1]	17.3	(	0.474)	[1]
Iron	NA				NA				18500	(	0.473)	[1]	18900	(	0.480)	[1]
Lead	NA				NA				3.74	(	1.97)	[1]	4.20	(	2.00)	[1]
Magnesium	NA				NA				7040	(	8.94)	[1]	6900	(	9.08)	[1]
Manganese	NA				NA				317	(	0.457)	[1]	342	(	0.465)	[1]
Molybdenum	NA				NA				-0.117	J	(0.356)	[1]	0.559	(0.362)	[1]	
Nickel	NA				NA				24.3	(	1.06)	[1]	24.1	(	1.08)	[1]
Potassium	NA				NA				1060	(	40.9)	[1]	1040	(	41.6)	[1]
Selenium	NA				NA				-8.50	J	(5.42)	[1]	-8.95	J	(5.51)	[1]
Silver	NA				NA				-0.599	J	(0.411)	[1]	-0.311	J	(0.418)	[1]
Sodium	NA				NA				376	(	2.83)	[1]	366	(	2.88)	[1]
Thallium	NA				NA				-7.61	JB	(5.72)	[1]	-4.03	JB	(5.80)	[1]
Vanadium	NA				NA				36.6	(0.272)	[1]	36.2	(0.276)	[1]		
Zinc	NA				NA				53.2	(0.322)	[1]	53.1	(0.327)	[1]		

Compiled: 15 March 1995

() = Detection Limit

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NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A16-9

END

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